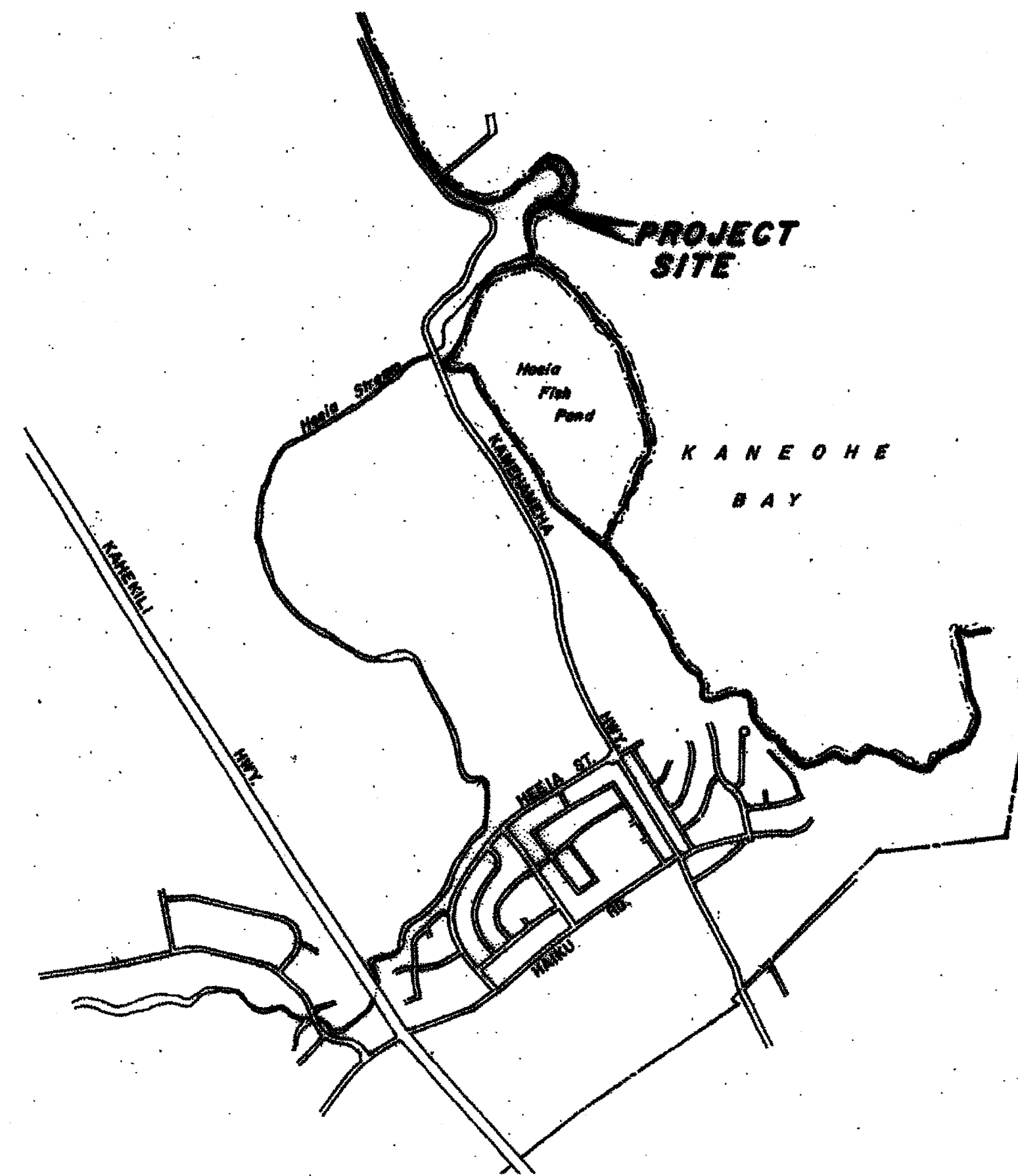
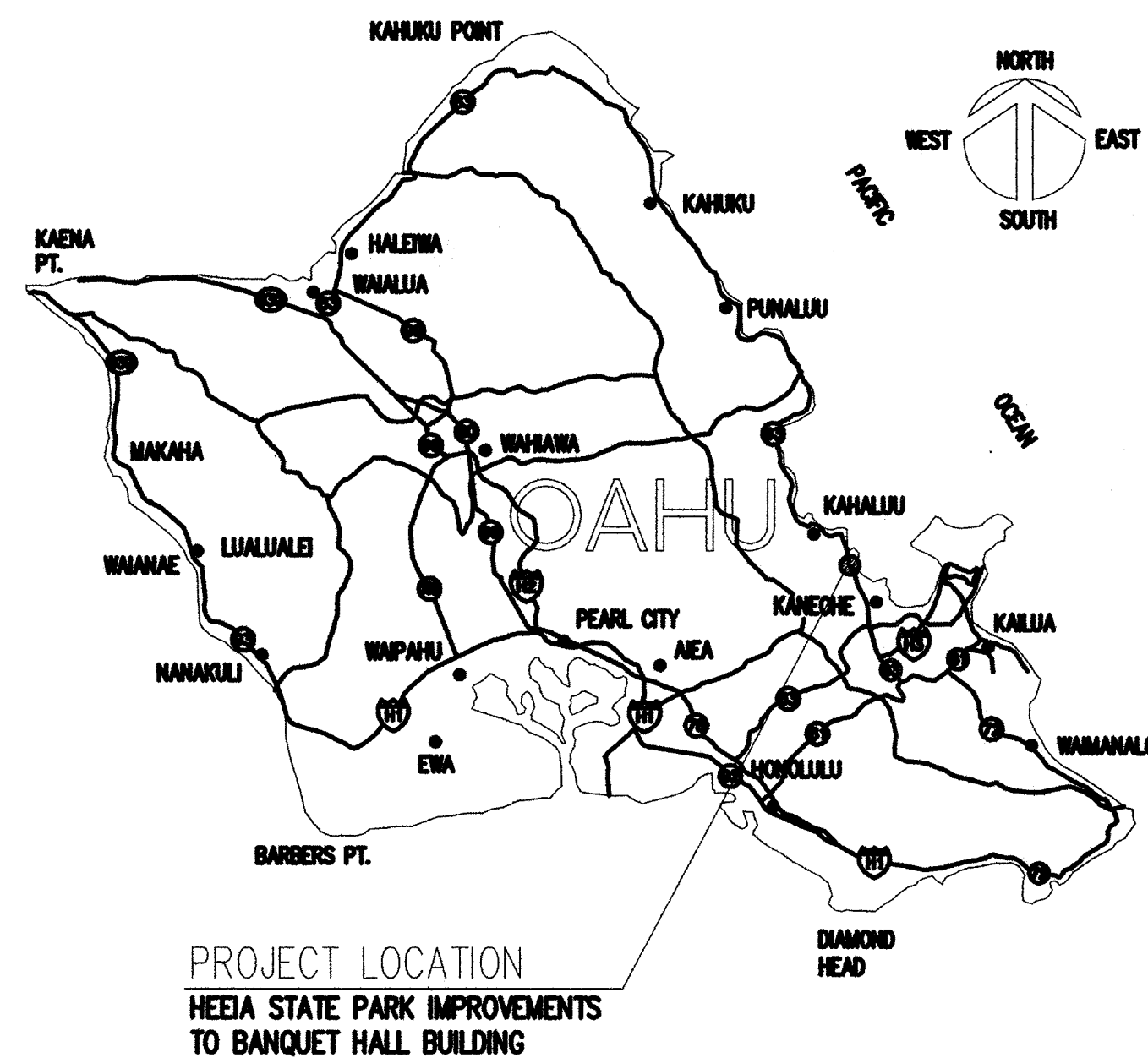


STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
ENGINEERING DIVISION
FOR
DIVISION OF STATE PARKS
JOB NO. F27C793A
**HEEIA STATE PARK,
IMPROVEMENTS TO BANQUET HALL
BUILDING**

KANEOHE, OAHU, HAWAII 96744



NOT TO SCALE



MAP OF OAHU

NOT TO SCALE

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PARTIAL DEMOLITION ROOF PLAN
PARTIAL DEMOLITION CEILING PLAN
PARTIAL DEMOLITION CEILING PLAN
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SECTIONS & DETAILS

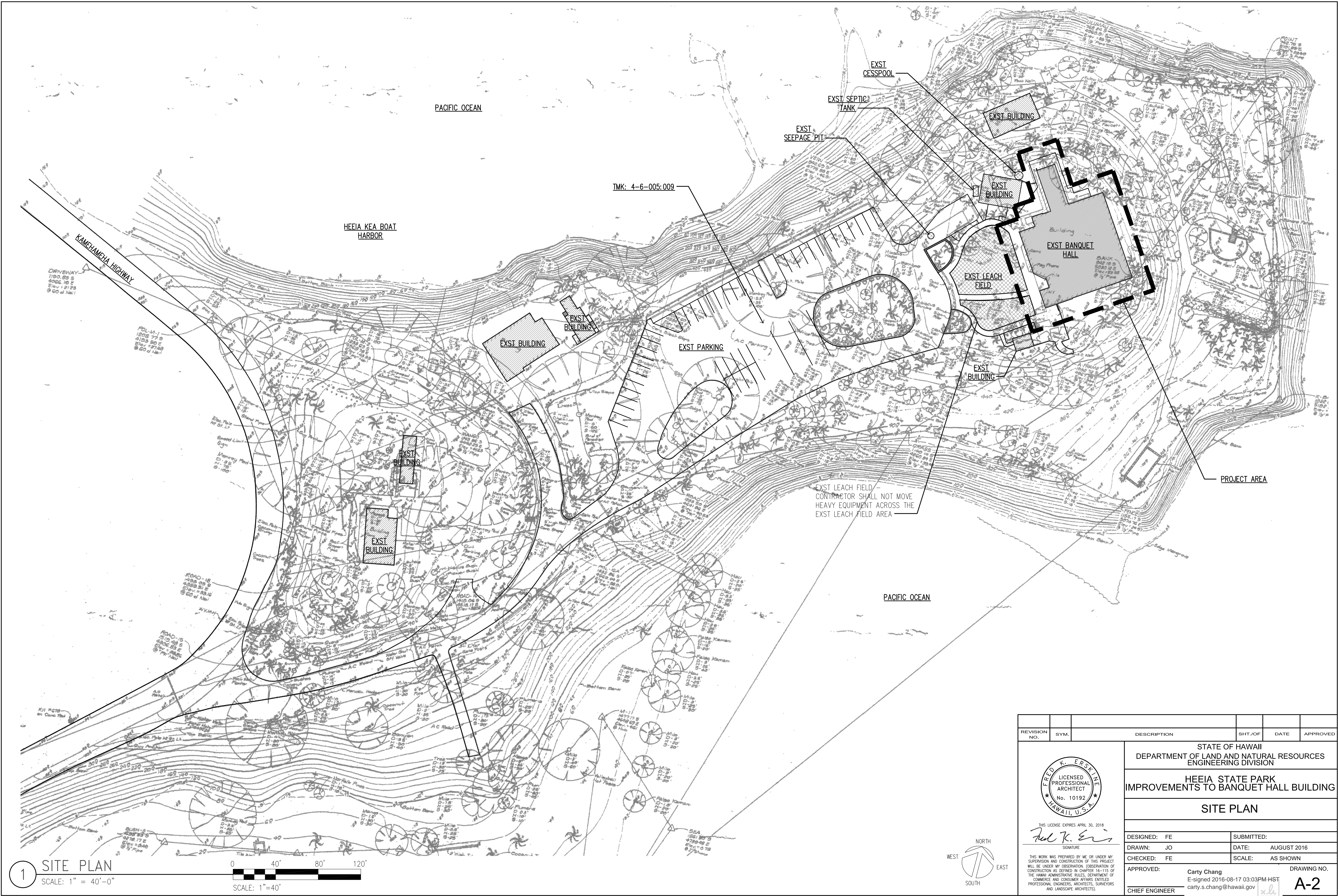
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Adrian

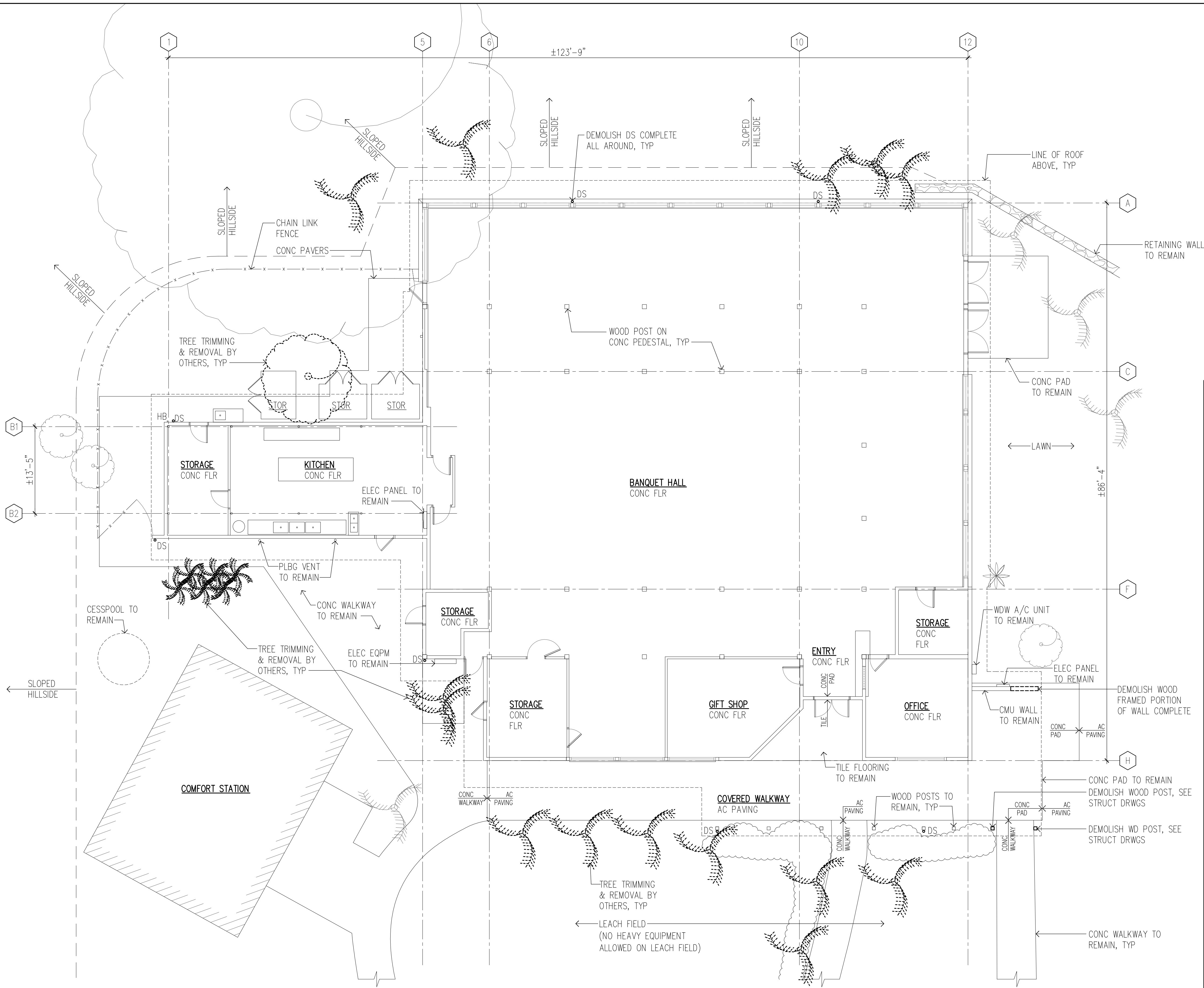
APPROVED:

CSS

ABBREVIATIONS				DRAWING SYMBOLS				GENERAL NOTES				REFLECTED CEILING PLAN SYMBOLS			
<div><div>@</div><div>ABBR</div><div>ABV</div><div>A/C</div><div>AC</div><div>ADJ</div><div>AHU</div><div>APPROX</div><div>ALUM</div><div>BD</div><div>BLDG</div><div>BLW</div><div>BOT</div><div>BYD</div><div>CLR</div><div>CMU</div><div>CO</div><div>COL</div><div>CONC</div><div>CONT</div><div>CFCI</div><div>CPT</div><div>DEMO</div><div>DIM(S)</div><div>DRWGS</div><div>DS</div><div>EA</div><div>ELEC</div><div>EQ</div><div>EQPM</div><div>EXST</div><div>FCO</div><div>FD</div><div>FE</div><div>FEC</div><div>FIN</div><div>FLR</div><div>FLRG</div><div>FRZ</div><div>FT</div><div>GA</div><div>GB</div><div>GYP BD</div><div>H</div><div>HM</div><div>LAV</div><div>LCKRS</div></div>	<div><div>AT</div><div>ABBREVIATIONS</div><div>ABOVE</div><div>AIR CONDITIONING</div><div>ASPHALT CONCRETE</div><div>ADJUSTABLE</div><div>AIR HANDLING UNIT</div><div>APPROXIMATE</div><div>ALUMINUM</div><div>BOARD</div><div>BUILDING</div><div>BELOW</div><div>BOTTOM</div><div>BEYOND</div><div>CLEAR</div><div>CONCRETE MASONRY UNIT</div><div>COMPANY</div><div>COLUMN</div><div>CONCRETE</div><div>CONTINUOUS</div><div>CONTRACTOR FURNISHED,</div><div>CONTRACTOR INSTALLED</div><div>CARPET</div><div>DEMOLITION</div><div>DIMENSION(S)</div><div>DRAWINGS</div><div>DOWNSPOUT</div><div>EACH</div><div>ELECTRICAL</div><div>EQUAL</div><div>EQUIPMENT</div><div>EXISTING</div><div>FLOOR CLEAN OUT</div><div>FLOOR DRAIN</div><div>FIRE EXTINGUISHER</div><div>FIRE EXTINGUISHER CABINET</div><div>FINISH</div><div>FLOOR</div><div>FLOORING</div><div>FREEZER</div><div>FOOT/FEET</div><div>GAUGE</div><div>GRAB BAR</div><div>GYPSUM BOARD</div><div>HEIGHT</div><div>HOLLOW METAL</div><div>LAVATORY</div><div>LOCKERS</div></div>	<div><div>MAX</div><div>MECH</div><div>MET</div><div>MFR</div><div>MIN</div><div>MTL</div><div>MTD</div><div>MW</div><div>NIC</div><div>NO (#)</div><div>OCC</div><div>OFCI</div><div>OFOI</div><div>OPNG</div><div>PLBG</div><div>PLYWD</div><div>PRNT</div><div>PTD</div><div>RCP</div><div>REFR</div><div>REQ'D</div><div>RM</div><div>SCHED</div><div>SD</div><div>SF</div><div>SOG</div><div>SS</div><div>STL</div><div>STOR</div><div>STRUCT</div><div>TEL</div><div>TELECOM</div><div>THK</div><div>TMK</div><div>TPD</div><div>TPO</div><div>TYP</div><div>UON</div><div>VTR</div><div>W</div><div>W/</div><div>WC</div><div>WD</div><div>WDW</div><div>WR</div><div>WIDTH</div><div>WITH</div><div>WATER CLOSET</div><div>WOOD</div><div>WINDOW</div><div>WASTE RECEPTACLE</div></div>	<div><div>MAXIMUM</div><div>METAL</div><div>MANUFACTURER</div><div>MINIMUM</div><div>METAL</div><div>MOUNTED</div><div>MICROWAVE</div><div>NOT IN CONTRACT</div><div>NUMBER</div><div>ON CENTER</div><div>OCCUPANCY / OCCUPANT</div><div>OWNER FURNISHED,</div><div>CONTRACTOR INSTALLED</div><div>OWNER FURNISHED,</div><div>OWNER INSTALLED</div><div>OPENING</div><div>PLUMBING</div><div>PLYWOOD</div><div>PRINTER</div><div>PAPER TOWEL DISPENSER</div><div>REFLECTED CEILING PLAN</div><div>REFRIGERATOR</div><div>REQUIRED</div><div>ROOM</div><div>SCHEDULED</div><div>SOAP DISPENSER</div><div>SQUARE FOOT</div><div>SLAB ON GRADE</div><div>SOLID SURFACE</div><div>STEEL</div><div>STORAGE</div><div>STRUCTURAL</div><div>TELEPHONE</div><div>TELECOMMUNICATIONS</div><div>THICK</div><div>TAX MAP KEY</div><div>TOILET PAPER DISPENSER</div><div>THERMOPLASTIC POLYFOLIN</div><div>TYPICAL</div><div>UNLESS OTHERWISE NOTED</div><div>VENT THROUGH ROOF</div><div>WIDTH</div><div>WITH</div><div>WATER CLOSET</div><div>WOOD</div><div>WINDOW</div><div>WASTE RECEPTACLE</div></div>	<div><div>ENLARGED PLANS</div><div>DETAILS</div><div>ELEVATIONS/SECTIONS</div><div>NORTH ARROW</div><div>INTERIOR ELEVATION KEY</div><div>COLUMN LINE</div><div>CHANGE IN ELEVATION</div><div>WORK POINT, CONTROL POINT, DATUM POINT</div><div>MATCHLINE</div><div>REVISION CLOUD</div><div>ROOM IDENTIFICATION</div><div>PHOTOGRAPH IDENTIFICATION</div><div>DOOR</div><div>WINDOW</div><div>WALL TYPE</div><div>SIGNAGE</div><div>FINISH IDENTIFICATION</div><div>KEY NOTE</div><div>CEILING HEIGHT</div></div>	<div><div>ENLARGED PLAN OR SECTION DETAIL AREA</div><div>DRAWING NUMBER LOCATION</div><div>SHEET NUMBER LOCATION</div><div>DRAWING NUMBER LOCATION</div><div>SHEET NUMBER LOCATION</div><div>DRAWING NUMBER LOCATION</div><div>SHEET NUMBER LOCATION</div><div>DIRECTION OF ELEVATION</div><div>NORTH</div><div>WEST</div><div>EAST</div><div>SOUTH</div><div>KEY TO INTER. ELEV.</div><div>LETTERS IN ONE DIRECTION</div><div>NUMBERS IN OTHER DIRECTION</div><div>F.F. ELEV. 00.00' (TYP.) UON</div><div>MATCHLINE 1/A-1</div><div>REVISION NUMBER</div><div>REVISION SYMBOL</div><div>ROOM NAME</div><div>ROOM NUMBER OR CEILING HEIGHT (ON REFLECTED CEILING PLAN)</div><div>FLOOR OR CEILING FINISH</div><div>PHOTOGRAPH LETTER LOCATION</div><div>DIRECTION OF PHOTOGRAPH</div><div>DOOR NUMBER</div><div>DOOR SYMBOL</div><div>WINDOW NUMBER</div><div>WINDOW SYMBOL</div><div>WALL TYPE NUMBER</div><div>WALL TYPE SYMBOL</div><div>SIGN NUMBER</div><div>SIGN SYMBOL</div><div>FINISH NUMBER</div><div>FINISH SYMBOL</div><div>KEY NOTE NUMBER</div><div>KEY NOTE SYMBOL</div><div>1'-0"=6"</div></div>	<div><div>1. WORK SHOWN IS NEW UNLESS OTHERWISE NOTED.</div><div>2. THE CONTRACTOR SHALL VERIFY ON SITE ALL DIMENSIONS & EXISTING CONDITIONS PRIOR TO STARTING WORK.</div><div>3. NOTIFY THE ENGINEER IMMEDIATELY, IN WRITING, OF ANY DISCREPANCIES AND/OR DEVIATIONS BETWEEN THE DRAWINGS AND EXISTING FIELD CONDITIONS INCLUDING, BUT NOT LIMITED TO DIMENSIONS, ELEVATIONS AND CLEARANCES.</div><div>4. THE WORK SHALL COMPLY WITH ALL APPLICABLE CITY, STATE AND FEDERAL LAWS, BUILDING CODES, THEIR ADDITIONS, ADDENDUMS AND AMENDMENTS IN THE CONSTRUCTION OF THIS PROJECT.</div><div>5. ALL DIMENSIONS INDICATED ARE MEASURED TO THE FACE OF FINISH UNLESS OTHERWISE NOTED.</div><div>6. PATCH & REPAIR ALL EXISTING SURFACES AFFECTED BY SELECTIVE DEMOLITION AT NO COST TO THE STATE. FINISHES SHALL MATCH ADJACENT CONDITIONS IN MATERIAL & APPEARANCE UNLESS OTHERWISE NOTED.</div><div>7. CAUTION SHALL BE EXERCISED SO THAT NO EXISTING AREAS TO REMAIN ARE DAMAGED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY/ALL CORRECTIVE WORK REQUIRED TO RESTORE DAMAGE TO THE SITE, EXISTING STRUCTURE, AND/OR EXISTING SURFACES AT NO COST TO THE STATE. DAMAGED SURFACES SHALL BE CORRECTED TO MATCH EXISTING ADJACENT SURFACES.</div><div>8. EXCEPT WHERE OTHERWISE DIRECTED BY THE ENGINEER, ALL DISPLACED MATERIALS HAVING SALVAGE VALUE SHALL BE CAREFULLY AND NEATLY STACKED OR STORED ON THE PREMISES WHERE DIRECTED BY THE STATE'S REPRESENTATIVE AND SHALL REMAIN THE PROPERTY OF THE STATE. ALL DISMANTLED AND DEMOLISHED MATERIALS HAVING NO SALVAGE VALUE AS DETERMINED BY THE STATE'S REPRESENTATIVE, SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE COMPLETELY REMOVED AND HAULED AWAY FROM THE PREMISES.</div><div>9. CONTRACTOR SHALL ERECT TEMPORARY BARRICADES & SIGNS WHICH SHALL BE CONSTRUCTED, PAINTED & MAINTAINED BY THE CONTRACTOR AS REQUIRED BY THE STATE TO PROTECT PUBLIC DURING CONSTRUCTION.</div><div>10. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE JOB SITE IN A NEAT AND SAFE CONDITION. ALL WORK SHALL BE PERFORMED WITHIN LIMITS OF WORK AREAS COORDINATED WITH THE STATE'S REPRESENTATIVE. DELIVERY OF MATERIALS AND EQUIPMENT SHALL BE COORDINATED TO MINIMIZE DISRUPTION TO FACILITY AND FACILITY OPERATIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR CONTROL OF NOISE, DEBRIS AND DUST TO PREVENT DISRUPTION OF EXISTING OPERATIONS. CONTRACTOR TO PROVIDE AND MAINTAIN SUITABLE BARRIERS AS REQUIRED TO PREVENT ENTRY AND TO PROTECT ADJACENT AREAS FROM CONSTRUCTION ACTIVITIES. BARRIERS SHALL BE REMOVED WHEN NO LONGER REQUIRED.</div><div>11. WORKMANSHIP SHALL BE OF GOOD QUALITY IN ACCORDANCE TO INDUSTRY STANDARDS. NEW MATERIALS SHALL BE USED THROUGHOUT UNLESS OTHERWISE NOTED.</div><div>12. AREAS FOR CONTRACT ZONE LIMITS, MATERIALS STORAGE, SCHEDULING OF WORK, TRASH DISPOSAL, WORKMEN'S PARKING, ETC., SHALL BE COORDINATED WITH THE STATE'S REPRESENTATIVE. COORDINATE ALL WORK, SCHEDULING, STAGING, AND ADMINISTRATIVE REQUIREMENTS WITH THE STATE'S REPRESENTATIVE.</div><div>13. ALL WORK SHALL CONFORM WITH THE 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN.</div><div>14. TEMPORARY PEDESTRIAN ROUTES SHALL BE ACCESSIBLE & SHALL COMPLY WITH THE GUIDELINES BELOW: *ADAAG 201.3 TEMPORARY & PERMANENT STRUCTURES THESE REQUIREMENTS SHALL APPLY TO TEMPORARY & PERMANENT BUILDING FACILITIES. *ADAAG 206.1 GENERAL ACCESSIBLE ROUTES SHALL BE PROVIDED IN ACCORDANCE WITH 206 & SHALL COMPLY WITH CHAPTER 4.</div><div>15. ALL REQUIRED SUBMITTALS SHALL BE PROVIDED TO THE ENGINEER FOR REVIEW AND APPROVAL PRIOR TO THE START OF WORK. THE ENGINEER SHALL BE GIVEN SUFFICIENT TIME TO REVIEW AND RETURN SUBMITTALS AS NOT TO IMPACT THE CONSTRUCTION SCHEDULE.</div><div>16. CONTRACTOR SHALL REVIEW THE LIMITED HAZARDOUS MATERIALS SURVEY REPORT, DATED MARCH 31, 2016. THE CONTRACTOR SHALL INCLUDE ALL COSTS ASSOCIATED WITH THE REMOVAL / ABATEMENT OF HAZARDOUS MATERIALS AFFECTED BY THE WORK. THE CONTRACTOR SHALL ALSO INCLUDE ALL COSTS ASSOCIATED WITH AIR MONITORING AND DISPOSAL.</div><div>17. WORK AT THE HEEIA STATE PARK BANQUET HALL MUST BE COMPLETED BY APRIL 30, 2017. SEE SPECIFICATION SECTION 01019 – GENERAL SPECIFICATIONS, PART 1.1 (F).</div></div>	<div><div><div><div><div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><</div></div></div></div></div>								

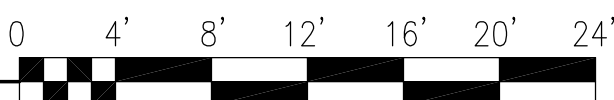


REVISION NO.	SYM.	DESCRIPTION	SHT./OF	DATE	APPROVED
STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION					
HEEIA STATE PARK IMPROVEMENTS TO BANQUET HALL BUILDING					
SITE PLAN					
DESIGNED: FE		SUBMITTED:			
DRAWN: JO		DATE: AUGUST 2016			
CHECKED: FE		SCALE: AS SHOWN			
APPROVED:		Carty Chang E-signed 2016-08-17 03:03PM HST carty.s.chang@hawaii.gov		DRAWING NO.	
CHIEF ENGINEER				A-2	

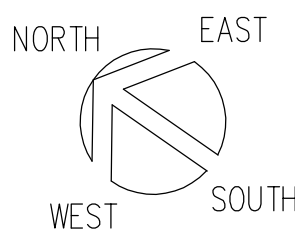


PARTIAL DEMOLITION
SITE AND FLOOR PLAN

SCALE: 1/8" = 1'-0"



SCALE: 1/8"=1'-0"



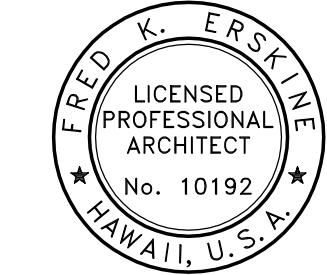
LEGEND

- INDICATES EXISTING TO REMAIN
- - - INDICATES EXISTING OVERHEAD
- - - - - INDICATES EXISTING TO BE DEMOLISHED/REMOVED/ALTERED

DEMOLITION NOTES

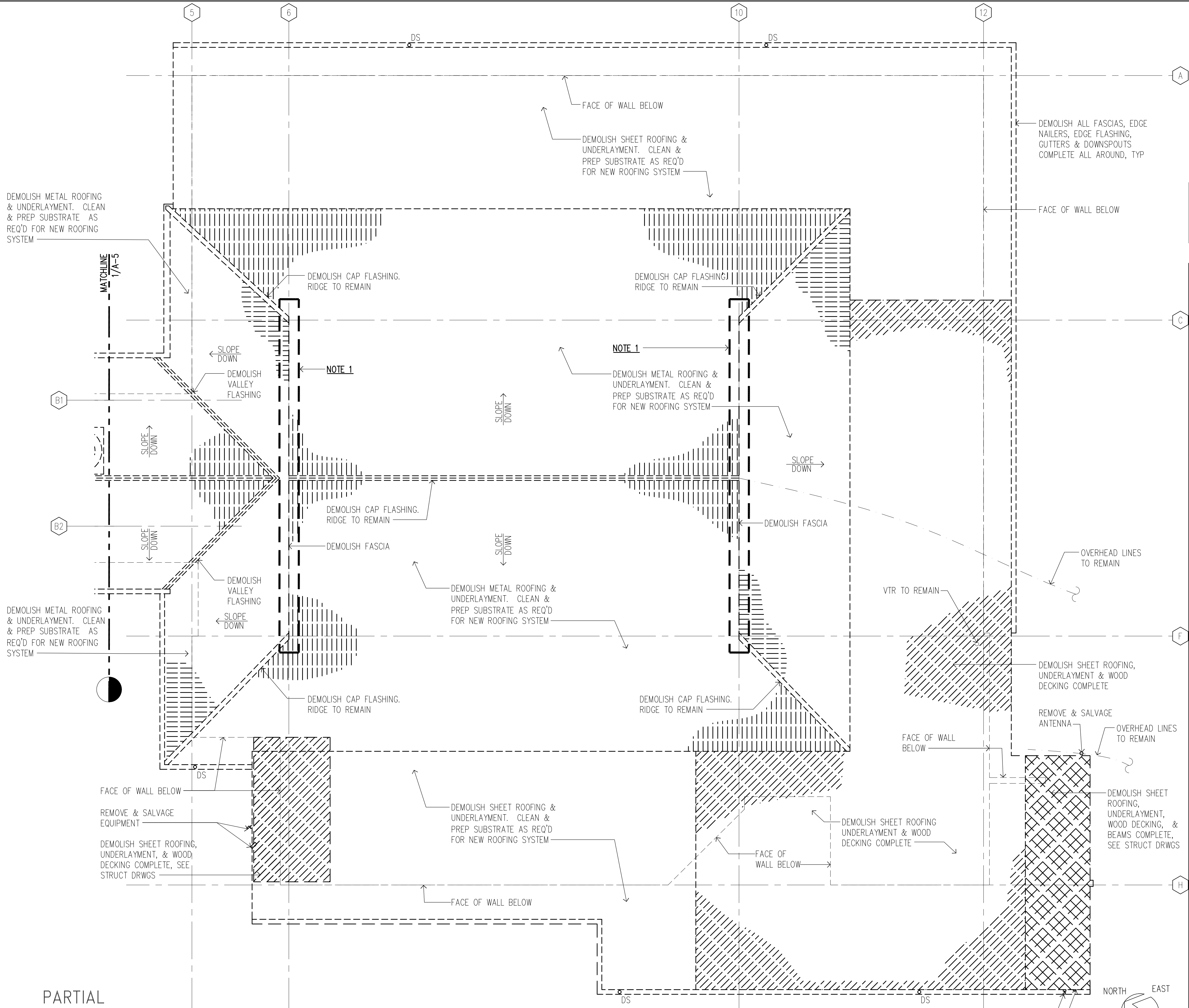
- PERFORM ALL DEMOLITION SO THAT EXISTING CONSTRUCTION THAT WILL REMAIN IS UNDAMAGED.
- EXTENT OF REMOVAL AS INDICATED IS APPROXIMATE. VERIFY THE EXTENT OF REMOVAL WORK TO PROPERLY ACCOMMODATE THE METHOD OF REQUIRED NEW CONSTRUCTION. ADDITIONAL REMOVAL & PATCHING REQUIRED TO ACCOMMODATE NEW CONSTRUCTION SHALL BE CONSIDERED INCIDENTAL TO NEW WORK.
- PROPERLY PREPARE ALL SURFACES THAT ARE TO BE RE-PAINTED AS NEEDED TO MEET PRODUCT & MANUFACTURER'S REQUIREMENTS & RECOMMENDATIONS FOR A COMPLETE, SOUND & TIGHT JOB. ALLOW FOR CONSTRUCTION TOLERANCES IN ORDER TO MEET THE MINIMUM & MAXIMUM REQUIREMENTS AS SPECIFIED & INDICATED IN THE DRAWINGS & SPECIFICATIONS.
- ALL DIMENSIONS SHOWN ARE APPROXIMATE & SHALL BE FIELD VERIFIED BY THE CONTRACTOR.
- SEE STRUCTURAL DRAWINGS FOR ADDITIONAL DEMOLITION REQUIREMENTS.
- CONTRACTOR SHALL TONE ALL AREAS OF THE SITE THAT WILL BE AFFECTED BY THE WORK PRIOR TO SAWCUTTING, TRENCHING, EXCAVATION, ETC. CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ANY DAMAGE TO ANY EXISTING INFRASTRUCTURE.
- CONTRACTOR SHALL TEMPORARILY RELOCATE, MODIFY, ADJUST, REMOVE/REINSTALL ALL ELECTRICAL/COMMUNICATIONS CONDUITS, LIGHT FIXTURES, COMMUNICATIONS FIXTURES, SIGNAGE, AND ALL OTHER EXISTING EQUIPMENT THAT IS IMPACTED BY THE WORK.

REVISION NO.	SYM.	DESCRIPTION	SHT./OF	DATE	APPROVED
STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION					
HEEIA STATE PARK IMPROVEMENTS TO BANQUET HALL BUILDING					
PARTIAL DEMOLITION SITE & FLOOR PLAN					
DESIGNED: FE			SUBMITTED:		
DRAWN: JO			DATE: AUGUST 2016		
CHECKED: FE			SCALE: AS SHOWN		
APPROVED: Carty Chang E-signed 2016-08-17 03:03PM HST CHIEF ENGINEER			DRAWING NO. A-3		



THIS LICENSE EXPIRES APRIL 30, 2018
Fred K. Erskine
SIGNATURE

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION (OBSERVATION OF CONSTRUCTION AS DEFINED IN CHAPTER 16-115 OF THE HAWAII ADMINISTRATIVE RULES, DEPARTMENT OF COMMERCE AND CONSUMER AFFAIRS ENTITLED PROFESSIONAL ENGINEERS, ARCHITECTS, SURVEYORS AND LANDSCAPE ARCHITECTS).



NOTE 1: DEMOLISH GABLE
END WINDOWS, WINDOW
FRAMES (HEAD, JAMB, &
SILL), & INFILL PANELS
COMPLETE.

LEGEND

- INDICATES EXISTING TO REMAIN
- - - INDICATES EXISTING BELOW
- - - INDICATES EXISTING TO BE DEMOLISHED/REMOVED/ALTERED
- [Hatched Box] INDICATES DEMOLITION OF WOOD DECKING
- [Cross-hatched Box] INDICATES DEMOLITION OF SHEET ROOFING, UNDERLAYMENT, WOOD DECKING, & BEAMS COMPLETE, SEE STRUCT DRWGS.

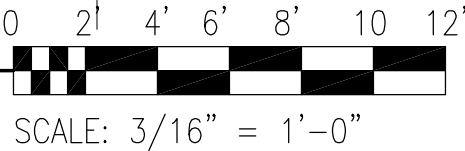
DEMOLITION NOTES

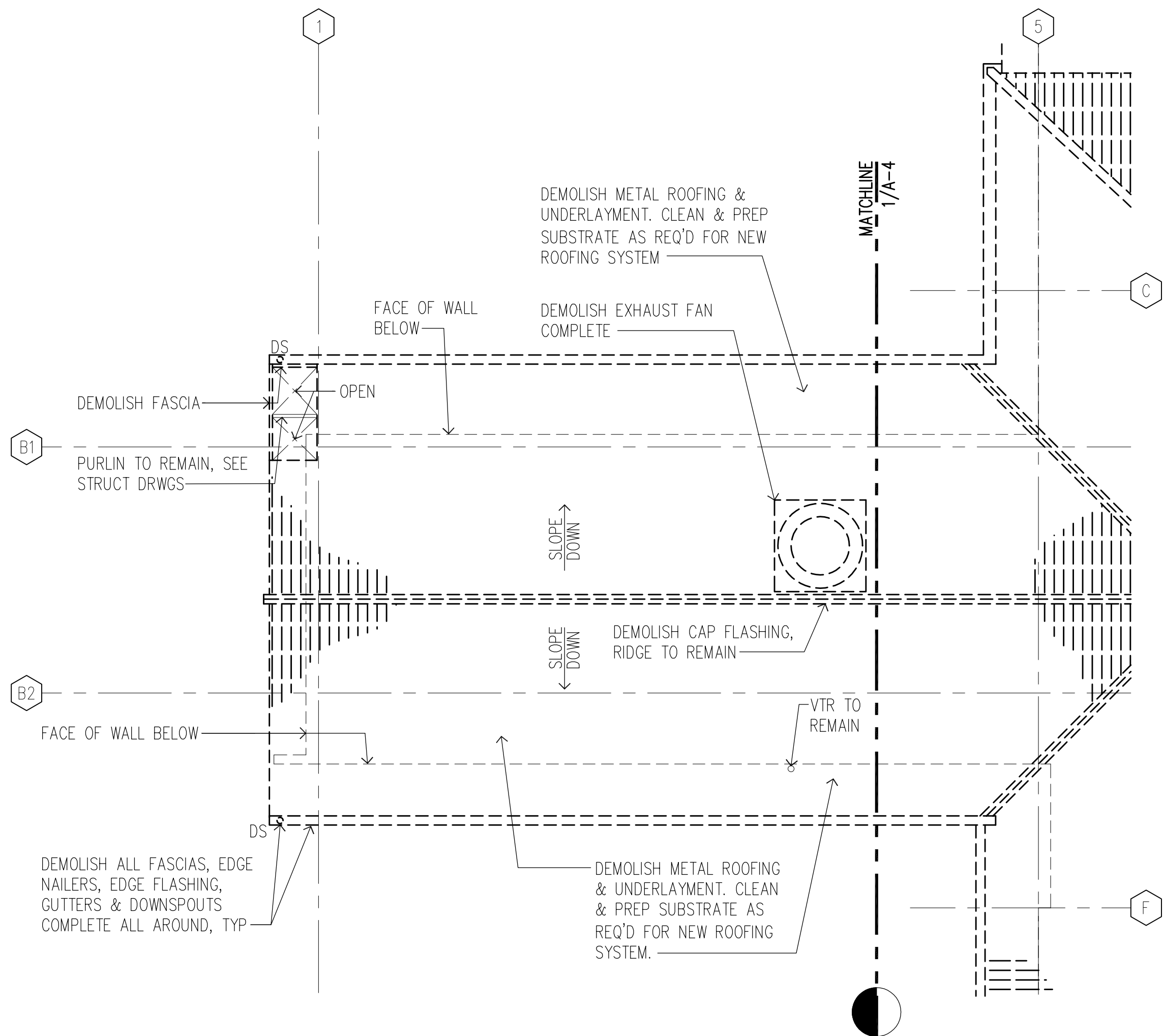
1. PERFORM ALL DEMOLITION SO THAT EXISTING CONSTRUCTION THAT WILL REMAIN IS UNDAMAGED.
2. EXTENT OF REMOVAL AS INDICATED IS APPROXIMATE. VERIFY THE EXTENT OF REMOVAL WORK TO PROPERLY ACCOMMODATE THE METHOD OF REQUIRED NEW CONSTRUCTION. ADDITIONAL REMOVAL & PATCHING REQUIRED TO ACCOMMODATE NEW CONSTRUCTION SHALL BE CONSIDERED INCIDENTAL TO NEW WORK.
3. PROPERLY PREPARE ALL SURFACES THAT ARE TO BE RE-PAINTED AS NEEDED TO MEET PRODUCT & MANUFACTURER'S REQUIREMENTS & RECOMMENDATIONS FOR A COMPLETE, SOUND & TIGHT JOB. ALLOW FOR CONSTRUCTION TOLERANCES IN ORDER TO MEET THE MINIMUM & MAXIMUM REQUIREMENTS AS SPECIFIED & INDICATED IN THE DRAWINGS & SPECIFICATIONS.
4. ALL DIMENSIONS SHOWN ARE APPROXIMATE & SHALL BE FIELD VERIFIED BY THE CONTRACTOR.
5. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL DEMOLITION REQUIREMENTS.
6. **INCLEMENT WEATHER NOTE:** CONTRACTOR SHALL MAINTAIN A WEATHER-TIGHT BUILDING AT ALL TIMES DURING CONSTRUCTION. NEW ROOFING, GUTTERS, DOWNSPOUTS, AND RELATED MATERIAL SHALL BE ON SITE AND READY FOR INSTALLATION PRIOR TO REMOVAL OF EXISTING ROOFING, GUTTERS, AND DOWNSPOUTS.
7. CONTRACTOR SHALL TEMPORARY RELOCATE, MODIFY, ADJUST, REMOVE/REINSTALL ALL ELECTRICAL/COMMUNICATIONS CONDUITS, LIGHT FIXTURES, COMMUNICATIONS FIXTURES, SIGANGE, AND ALL OTHER EXISTING EQUIPMENT THAT IS IMPACTED BY THE WORK.

REVISION NO.	SYM.	DESCRIPTION	SHT./OF	DATE	APPROVED								
<div><div><p>THIS LICENSE EXPIRES APRIL 30, 2018</p><p><i>Fred K. Erskine</i></p><p>SIGNATURE</p><p>THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION (OBSERVATION OF CONSTRUCTION AS DEFINED IN CHAPTER 16-115 OF THE HAWAII ADMINISTRATIVE RULES, DEPARTMENT OF COMMERCE AND CONSUMER AFFAIRS ENTITLED PROFESSIONAL ENGINEERS, ARCHITECTS, SURVEYORS AND LANDSCAPE ARCHITECTS).</p></div><div><p>STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION</p><p>HEEIA STATE PARK IMPROVEMENTS TO BANQUET HALL BUILDING</p><p>PARTIAL DEMOLITION ROOF PLAN</p><table><tr><td>DESIGNED: FE</td><td>SUBMITTED:</td></tr><tr><td>DRAWN: JO</td><td>DATE: AUGUST 2016</td></tr><tr><td>CHECKED: FE</td><td>SCALE: AS SHOWN</td></tr><tr><td>APPROVED: Carty Chang E-signed 2016-08-17 03:03PM HST carty.s.chang@hawaii.gov</td><td>DRAWING NO. A-4</td></tr></table><p>CHIEF ENGINEER</p></div></div>						DESIGNED: FE	SUBMITTED:	DRAWN: JO	DATE: AUGUST 2016	CHECKED: FE	SCALE: AS SHOWN	APPROVED: Carty Chang E-signed 2016-08-17 03:03PM HST carty.s.chang@hawaii.gov	DRAWING NO. A-4
DESIGNED: FE	SUBMITTED:												
DRAWN: JO	DATE: AUGUST 2016												
CHECKED: FE	SCALE: AS SHOWN												
APPROVED: Carty Chang E-signed 2016-08-17 03:03PM HST carty.s.chang@hawaii.gov	DRAWING NO. A-4												

**PARTIAL
DEMOLITION ROOF PLAN**

SCALE: 3/16" = 1'-0"





LEGEND

- INDICATES EXISTING TO REMAIN
- INDICATES EXISTING BELOW
- INDICATES EXISTING TO BE DEMOLISHED/REMOVED/ALTERED

DEMOLITION NOTES

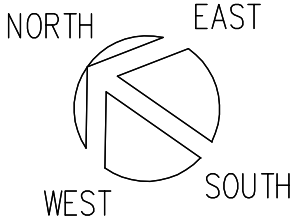
- PERFORM ALL DEMOLITION SO THAT EXISTING CONSTRUCTION THAT WILL REMAIN IS UNDAMAGED.
- EXTENT OF REMOVAL AS INDICATED IS APPROXIMATE. VERIFY THE EXTENT OF REMOVAL WORK TO PROPERLY ACCOMMODATE THE METHOD OF REQUIRED NEW CONSTRUCTION. ADDITIONAL REMOVAL & PATCHING REQUIRED TO ACCOMMODATE NEW CONSTRUCTION SHALL BE CONSIDERED INCIDENTAL TO NEW WORK.
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REVISION NO.	SYM.	DESCRIPTION	SHT./OF	DATE	APPROVED
STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION					
HEEIA STATE PARK IMPROVEMENTS TO BANQUET HALL BUILDING					
PARTIAL DEMOLITION ROOF PLAN					
DESIGNED: FE			SUBMITTED:		
DRAWN: JO			DATE: AUGUST 2016		
CHECKED: FE			SCALE: AS SHOWN		
APPROVED: Carty Chang E-signed 2016-08-17 03:03PM HST carty.s.chang@hawaii.gov			DRAWING NO. A-5		
CHIEF ENGINEER					



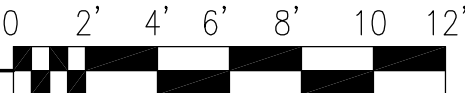
THIS LICENSE EXPIRES APRIL 30, 2018
Fred K. Erskine
SIGNATURE

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION (OBSERVATION OF CONSTRUCTION AS DEFINED IN CHAPTER 16-115 OF THE HAWAII ADMINISTRATIVE RULES, DEPARTMENT OF COMMERCE AND CONSUMER AFFAIRS ENTITLED PROFESSIONAL ENGINEERS, ARCHITECTS, SURVEYORS AND LANDSCAPE ARCHITECTS).

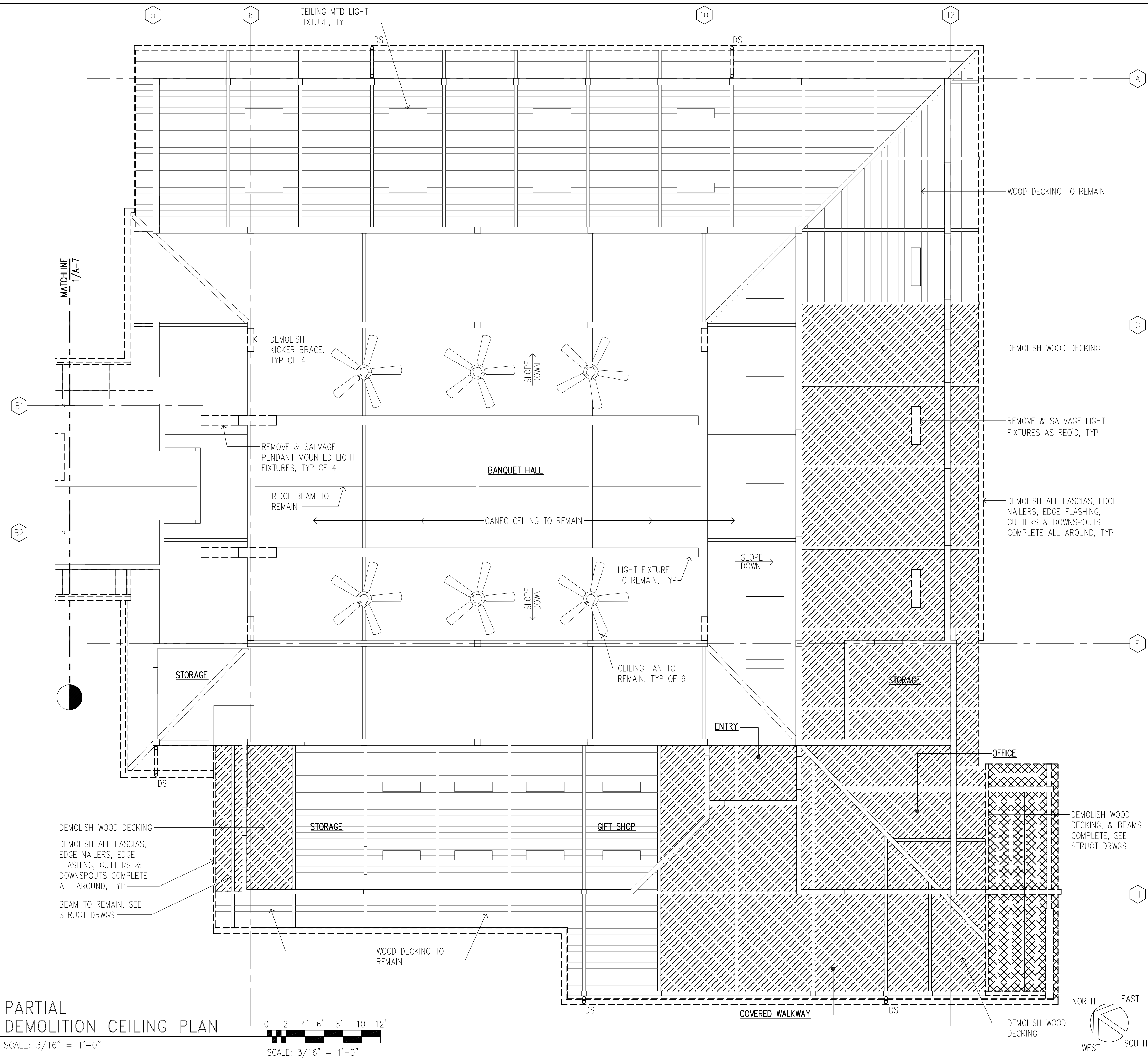


PARTIAL
DEMOLITION ROOF PLAN

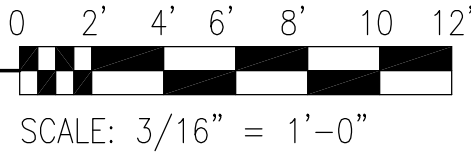
SCALE: 3/16" = 1'-0"



SCALE: 3/16" = 1'-0"



1 PARTIAL DEMOLITION CEILING PLAN
SCALE: 3/16" = 1'-0"



LEGEND

- INDICATES EXISTING TO REMAIN
- - - INDICATES EXISTING TO BE DEMOLISHED/REMOVED/ALTERED
- INDICATES DEMOLITION OF WOOD DECKING
- INDICATES DEMOLITION OF SHEET ROOFING, UNDERLAYMENT, WOOD DECKING, & BEAMS COMPLETE, SEE STRUCT DRWGS.

DEMOLITION NOTES

- PERFORM ALL DEMOLITION SO THAT EXISTING CONSTRUCTION THAT WILL REMAIN IS UNDAMAGED.
- EXTENT OF REMOVAL AS INDICATED IS APPROXIMATE. VERIFY THE EXTENT OF REMOVAL WORK TO PROPERLY ACCOMMODATE THE METHOD OF REQUIRED NEW CONSTRUCTION. ADDITIONAL REMOVAL & PATCHING REQUIRED TO ACCOMMODATE NEW CONSTRUCTION SHALL BE CONSIDERED INCIDENTAL TO NEW WORK.
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THIS LICENSE EXPIRES APRIL 30, 2018

Fred K. Erskine

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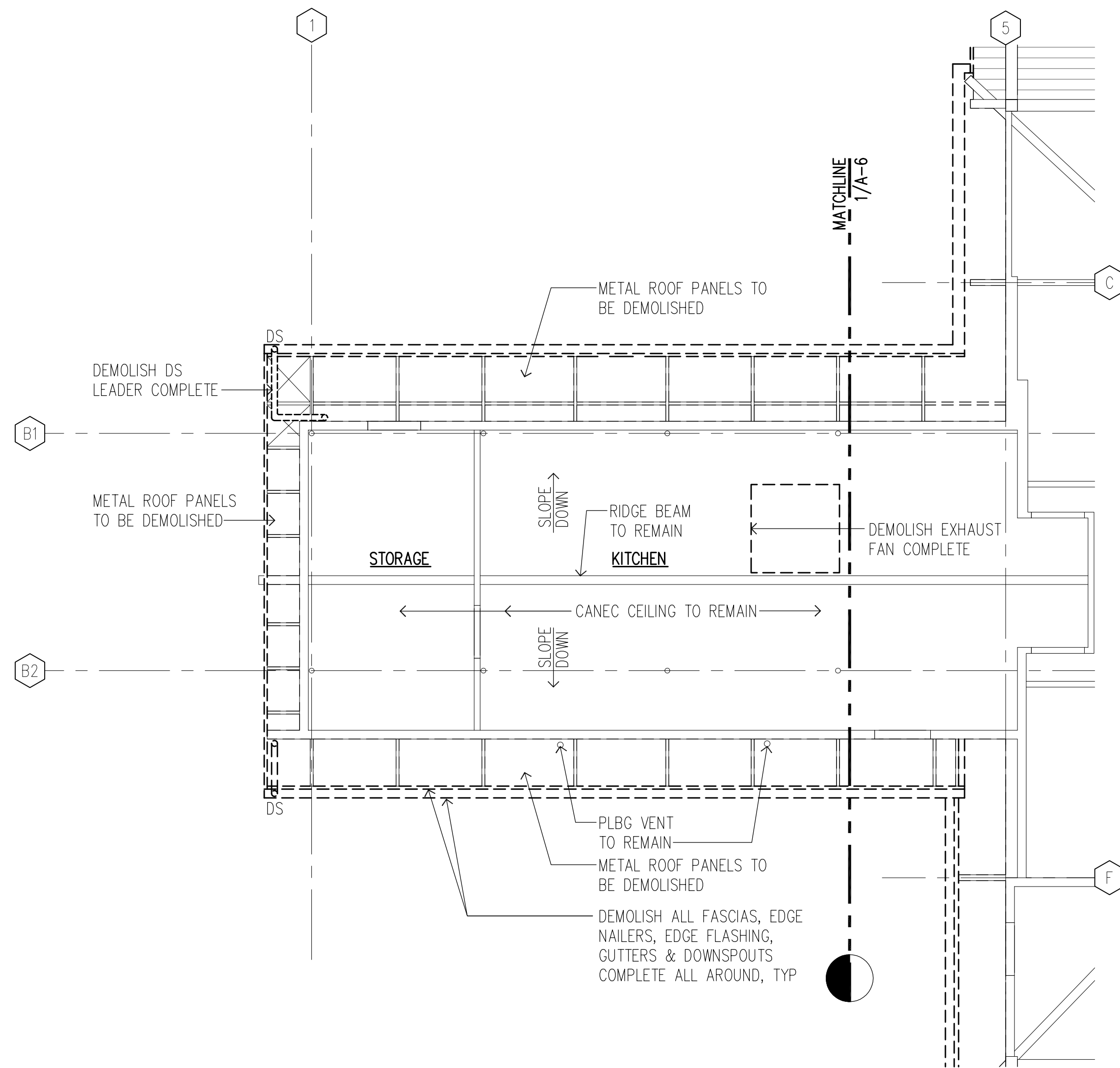
STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
ENGINEERING DIVISION

HEEIA STATE PARK
IMPROVEMENTS TO BANQUET HALL BUILDING

PARTIAL DEMOLITION CEILING PLAN

DESIGNED: FE	SUBMITTED:
DRAWN: JO	DATE: AUGUST 2016
CHECKED: FE	SCALE: AS SHOWN
APPROVED: Carty Chang E-signed 2016-08-17 03:03PM HST carty.s.chang@hawaii.gov	DRAWING NO. A-6

CHIEF ENGINEER



LEGEND

- INDICATES EXISTING TO REMAIN
- INDICATES EXISTING TO BE DEMOLISHED/REMOVED/ALTERED
- INDICATES DEMOLITION OF WOOD DECKING
- INDICATES DEMOLITION OF SHEET ROOFING, UNDERLAYMENT, WOOD DECKING, & BEAMS COMPLETE, SEE STRUCT DRWGS.

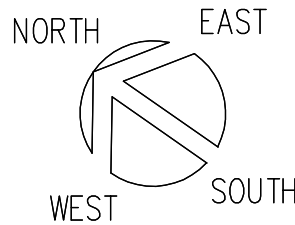
DEMOLITION NOTES

- PERFORM ALL DEMOLITION SO THAT EXISTING CONSTRUCTION THAT WILL REMAIN IS UNDAMAGED.
- EXTENT OF REMOVAL AS INDICATED IS APPROXIMATE. VERIFY THE EXTENT OF REMOVAL WORK TO PROPERLY ACCOMMODATE THE METHOD OF REQUIRED NEW CONSTRUCTION. ADDITIONAL REMOVAL & PATCHING REQUIRED TO ACCOMMODATE NEW CONSTRUCTION SHALL BE CONSIDERED INCIDENTAL TO NEW WORK.
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STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION					
HEEIA STATE PARK IMPROVEMENTS TO BANQUET HALL BUILDING					
PARTIAL DEMOLITION CEILING PLAN					
DESIGNED: FE			SUBMITTED:		
DRAWN: JO			DATE: AUGUST 2016		
CHECKED: FE			SCALE: AS SHOWN		
APPROVED: Carty Chang E-signed 2016-08-17 03:03PM HST carty.s.chang@hawaii.gov			DRAWING NO. A-7		
CHIEF ENGINEER					

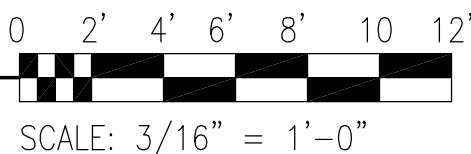


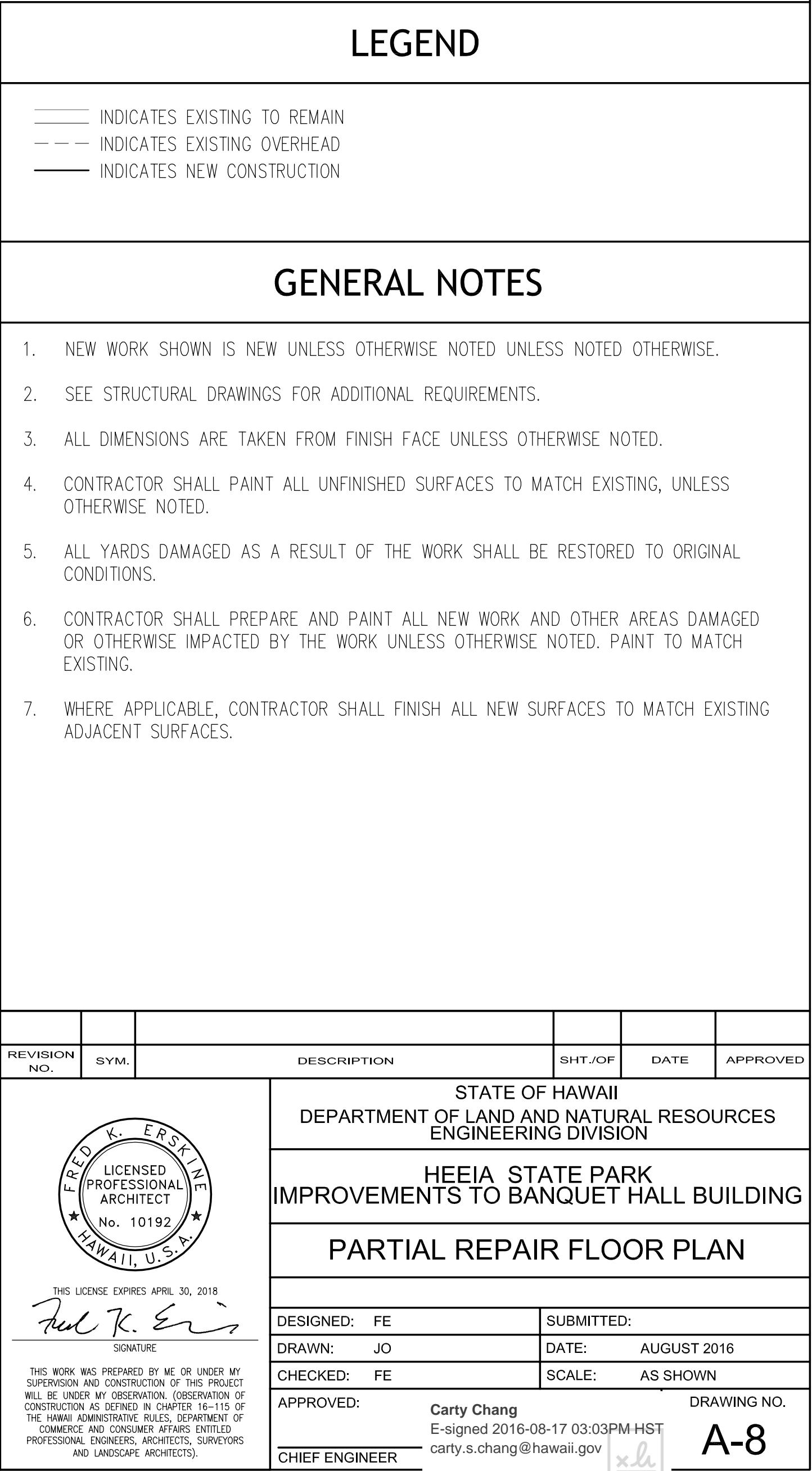
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION (OBSERVATION OF CONSTRUCTION AS DEFINED IN CHAPTER 16-115 OF THE HAWAII ADMINISTRATIVE RULES, DEPARTMENT OF COMMERCE AND CONSUMER AFFAIRS ENTITLED PROFESSIONAL ENGINEERS, ARCHITECTS, SURVEYORS AND LANDSCAPE ARCHITECTS).

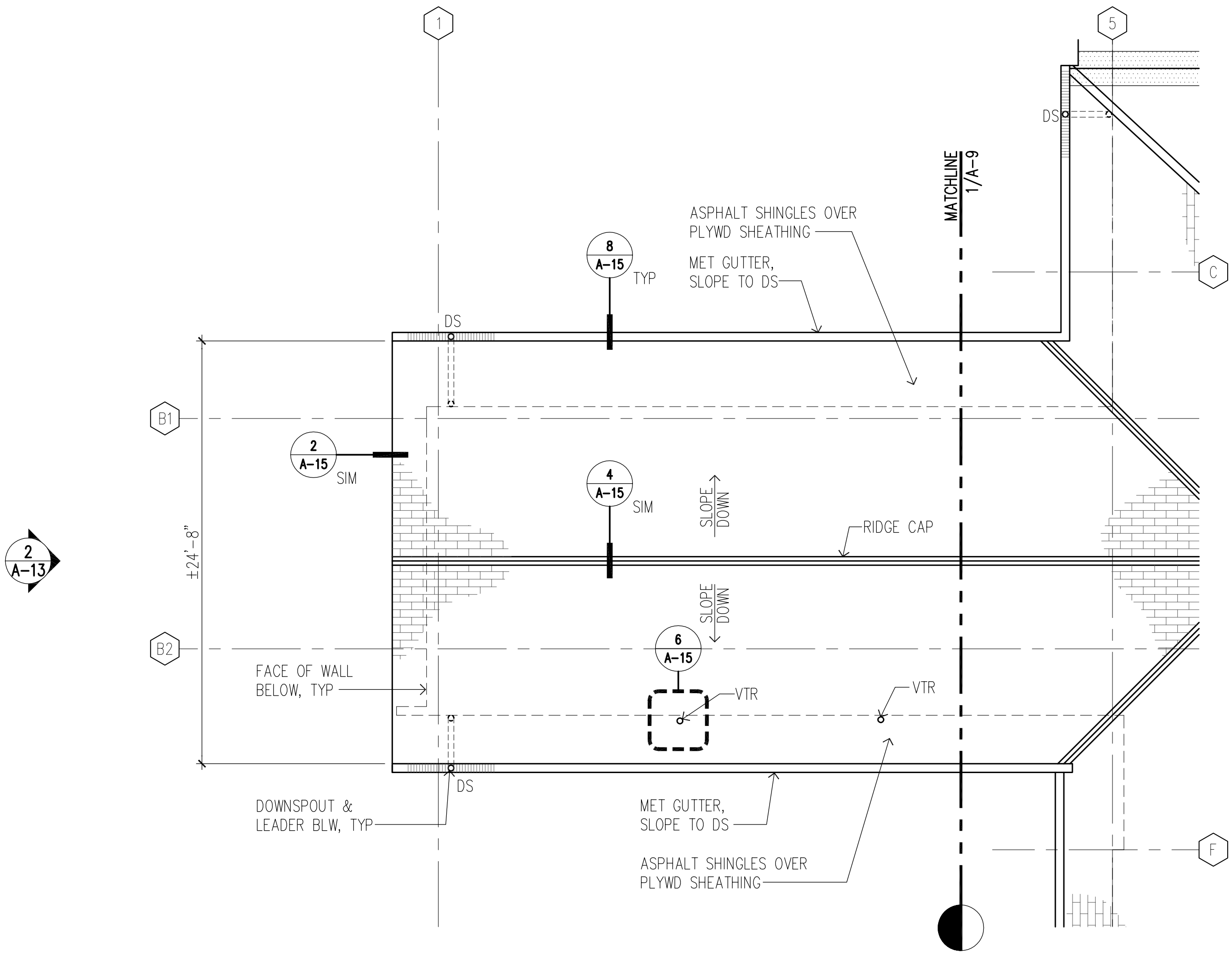


PARTIAL DEMOLITION CEILING PLAN

SCALE: 3/16" = 1'-0"







LEGEND

INDICATES EXISTING TO REMAIN

INDICATES EXISTING BELOW

INDICATES NEW CONSTRUCTION

INDICATES AREA TO REPAIR WOOD DECKING

INDICATES ASPHALT SHINGLES

INDICATES PORTION OF ROOF TO BE COATED WITH FLUID APPLIED ACRYLIC COATING

GENERAL NOTES

1. ALL WORK SHOWN IS NEW UNLESS OTHERWISE NOTED.

2. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL REQUIREMENTS.

3. ALL DIMENSIONS ARE TAKEN FROM FINISH FACE UNLESS OTHERWISE NOTED.

4. CONTRACTOR SHALL PAINT ALL UNFINISHED SURFACES TO MATCH EXISTING, UNLESS OTHERWISE NOTED.

5. ALL YARDS DAMAGED AS A RESULT OF THE WORK SHALL BE RESTORED TO ORIGINAL CONDITIONS.

6. CONTRACTOR SHALL PREPARE AND PAINT ALL NEW WORK AND OTHER AREAS DAMAGED OR OTHERWISE IMPACTED BY THE WORK UNLESS OTHERWISE NOTED. PAINT TO MATCH EXISTING.

7. WHERE APPLICABLE, CONTRACTOR SHALL FINISH ALL NEW SURFACES TO MATCH EXISTING ADJACENT SURFACES.

REVISION NO.	SYM.	DESCRIPTION	SHT./OF	DATE	APPROVED

FRED K. ERSKINE

LICENSED PROFESSIONAL ARCHITECT

No. 10192

HAWAII, U.S.A.

THIS LICENSE EXPIRES APRIL 30, 2018

Fred K. Erskine

SIGNATURE

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION (OBSERVATION OF CONSTRUCTION AS DEFINED IN CHAPTER 16-115 OF THE HAWAII ADMINISTRATIVE RULES, DEPARTMENT OF COMMERCE AND CONSUMER AFFAIRS ENTITLED "PROFESSIONAL ENGINEERS, ARCHITECTS, SURVEYORS AND LANDSCAPE ARCHITECTS").

STATE OF HAWAII

DEPARTMENT OF LAND AND NATURAL RESOURCES

ENGINEERING DIVISION

HEEIA STATE PARK

IMPROVEMENTS TO BANQUET HALL BUILDING

PARTIAL REPAIR ROOF PLAN

DESIGNED: FE

DRAWN: JO

CHECKED: FE

APPROVED:

SUBMITTED:

DATE: AUGUST 2016

SCALE: AS SHOWN

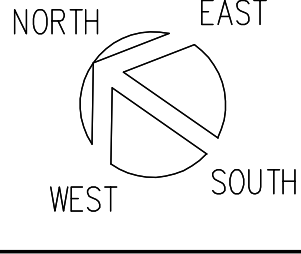
E-signed 2016-08-17 03:03PM HST
carty.s.chang@hawaii.gov

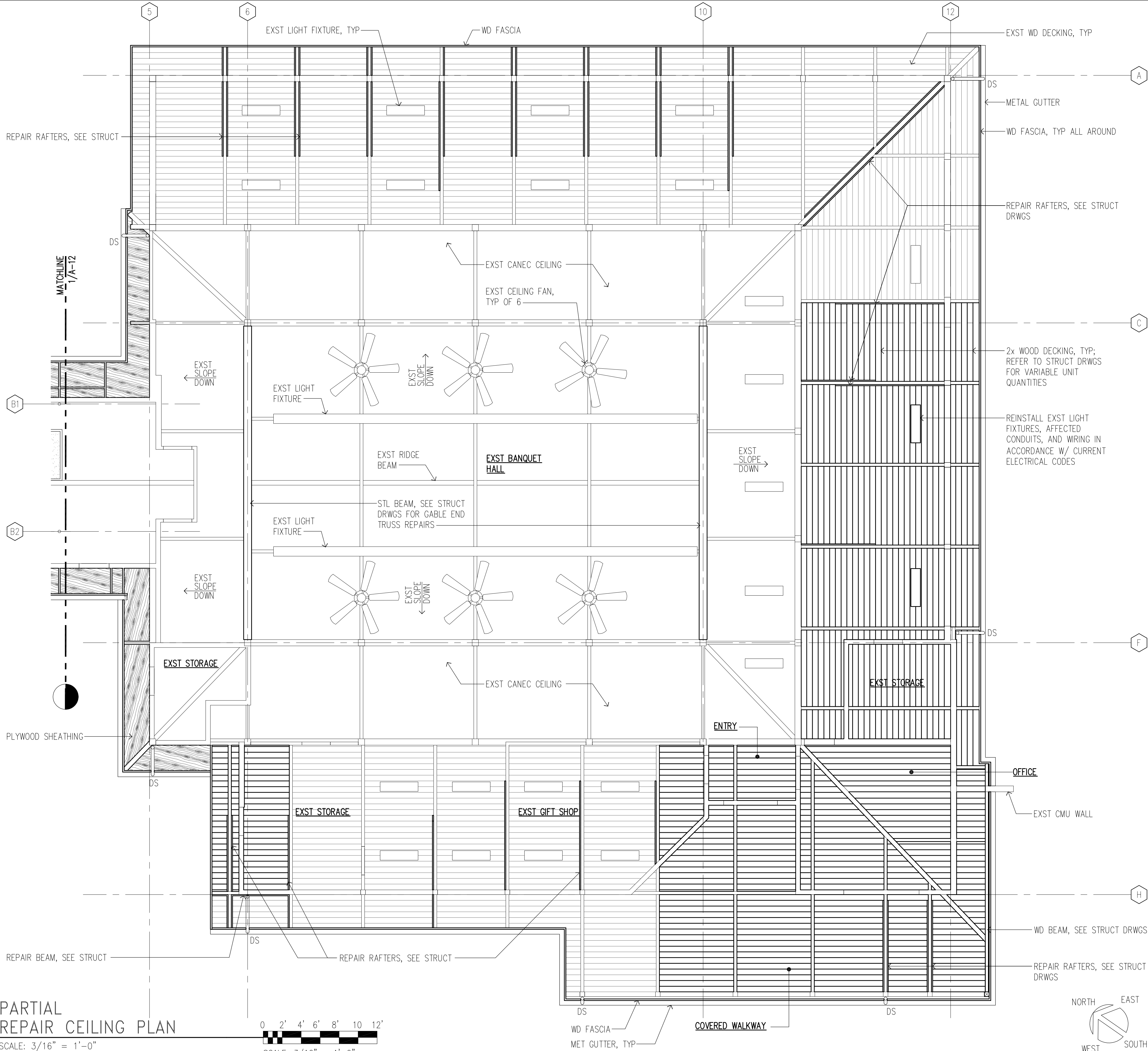
DRAWING NO.

A-10

CHIEF ENGINEER

x





NOTE: FOR RAFTER & BEAM REPAIR NOTES, SEE STRUCT DRWGS

LEGEND

- INDICATES EXISTING TO REMAIN
- INDICATES NEW CONSTRUCTION
- INDICATES UNDERSIDE OF PLYWOOD SHEATHING

GENERAL NOTES

- NEW WORK IS AS INDICATED ON THE PLANS UNLESS NOTED OTHERWISE.
- SEE STRUCTURAL DRAWINGS FOR ADDITIONAL REQUIREMENTS.
- ALL DIMENSIONS ARE TAKEN FROM FINISH FACE UNLESS OTHERWISE NOTED.
- CONTRACTOR SHALL PAINT ALL UNFINISHED SURFACES TO MATCH EXISTING, UNLESS OTHERWISE NOTED.
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- WHERE APPLICABLE, CONTRACTOR SHALL FINISH ALL NEW SURFACES TO MATCH EXISTING ADJACENT SURFACES.

REVISION NO.	SYM.	DESCRIPTION	SHT./OF	DATE	APPROVED
STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION					
HEEIA STATE PARK IMPROVEMENTS TO BANQUET HALL BUILDING					
PARTIAL REPAIR CEILING PLAN					
DESIGNED: FE			SUBMITTED:		
DRAWN: JO			DATE: AUGUST 2016		
CHECKED: FE			SCALE: AS SHOWN		
APPROVED:			DRAWING NO.		
CHIEF ENGINEER			A-11		

THIS LICENSE EXPIRES APRIL 30, 2018

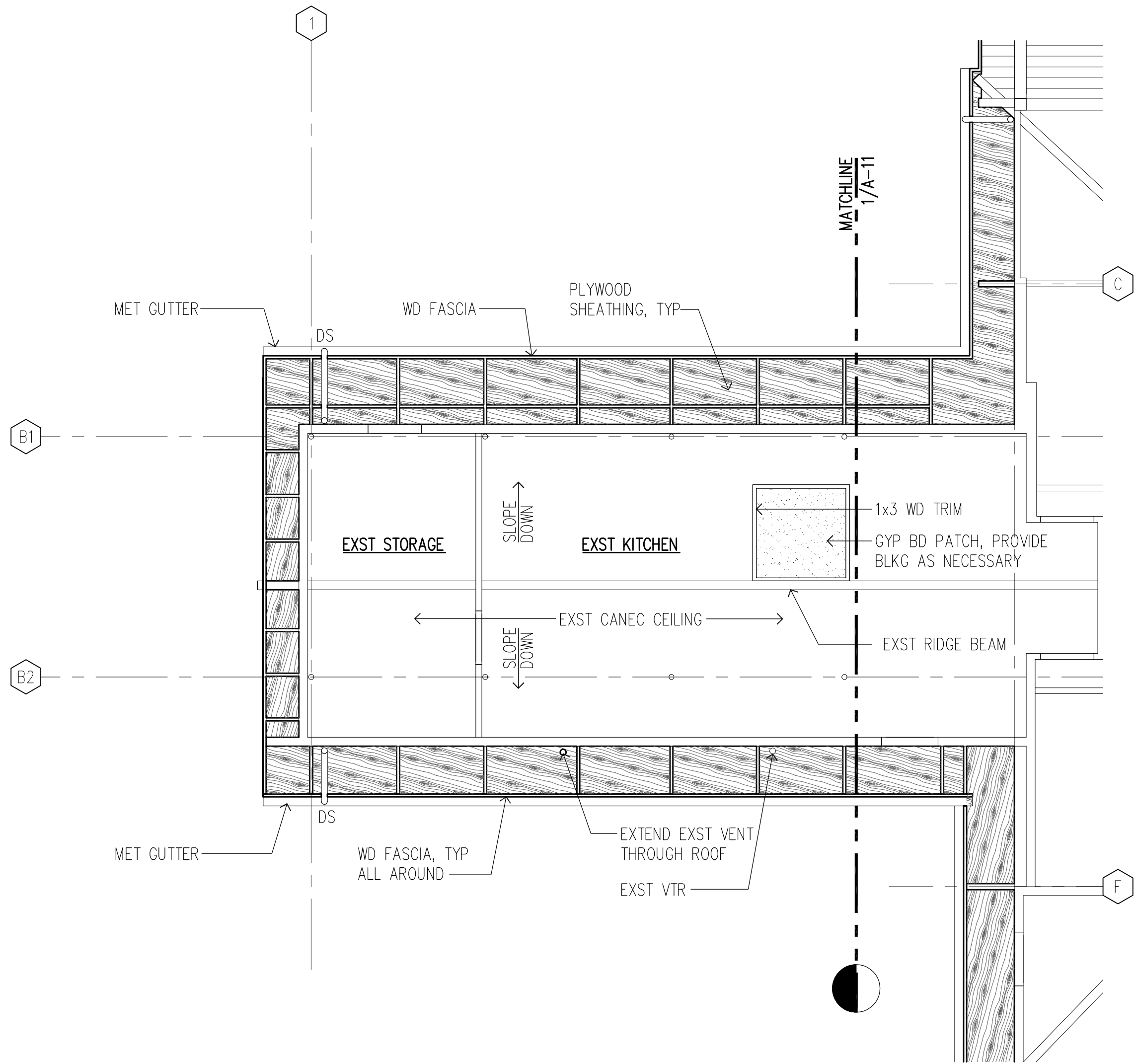
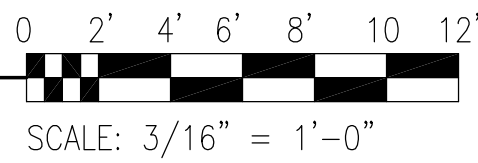
Frederick K. Erskine

SIGNATURE

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1 PARTIAL
REPAIR CEILING PLAN

SCALE: 3/16" = 1'-0"



NOTE: FOR RAFTER &
BEAM REPAIR NOTES,
SEE STRUCT DRWGS

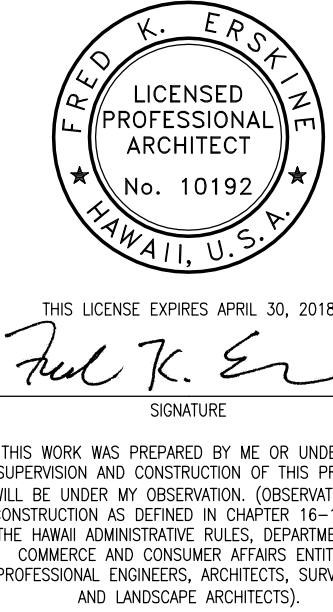
LEGEND

- INDICATES EXISTING TO REMAIN
- INDICATES NEW CONSTRUCTION
- INDICATES UNDERSIDE OF PLYWOOD SHEATHING
- INDICATES 5/8" THK TYPE "X" GYP BD

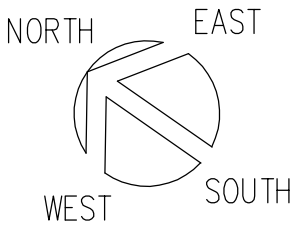
GENERAL NOTES

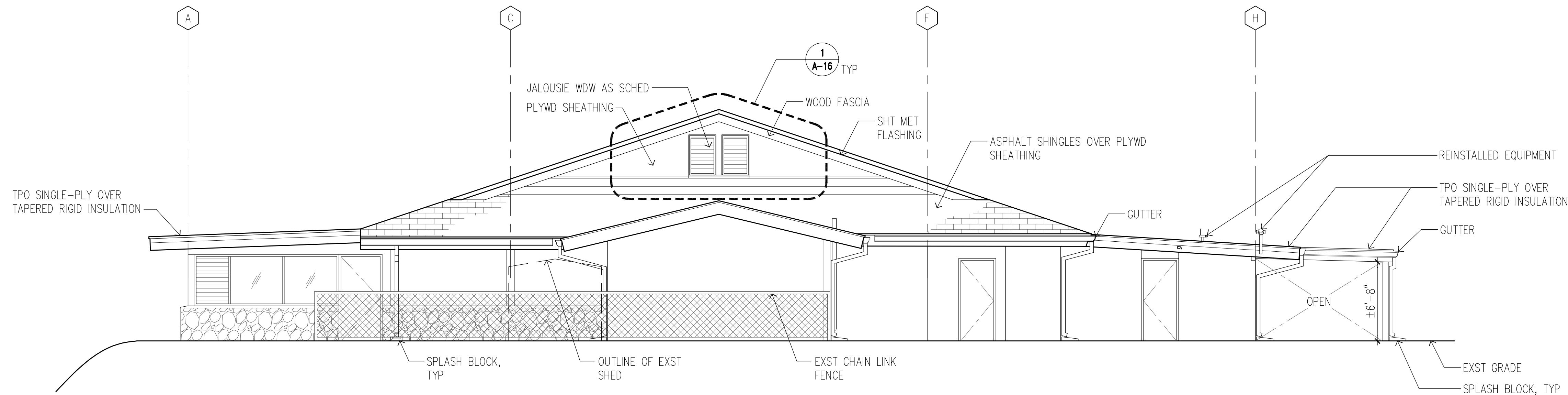
- NEW WORK SHOWN IS NEW UNLESS OTHERWISE NOTED UNLESS NOTED OTHERWISE.
- SEE STRUCTURAL DRAWINGS FOR ADDITIONAL REQUIREMENTS.
- ALL DIMENSIONS ARE TAKEN FROM FINISH FACE UNLESS OTHERWISE NOTED.
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REVISION NO.	SYM.	DESCRIPTION	SHT./OF	DATE	APPROVED
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HEEIA STATE PARK IMPROVEMENTS TO BANQUET HALL BUILDING					
PARTIAL REPAIR CEILING PLAN					
DESIGNED: FE			SUBMITTED:		
DRAWN: JO			DATE: AUGUST 2016		
CHECKED: FE			SCALE: AS SHOWN		
APPROVED: Carty Chang E-signed 2016-08-17 03:03PM HST carty.s.chang@hawaii.gov			DRAWING NO. A-12		
CHIEF ENGINEER					

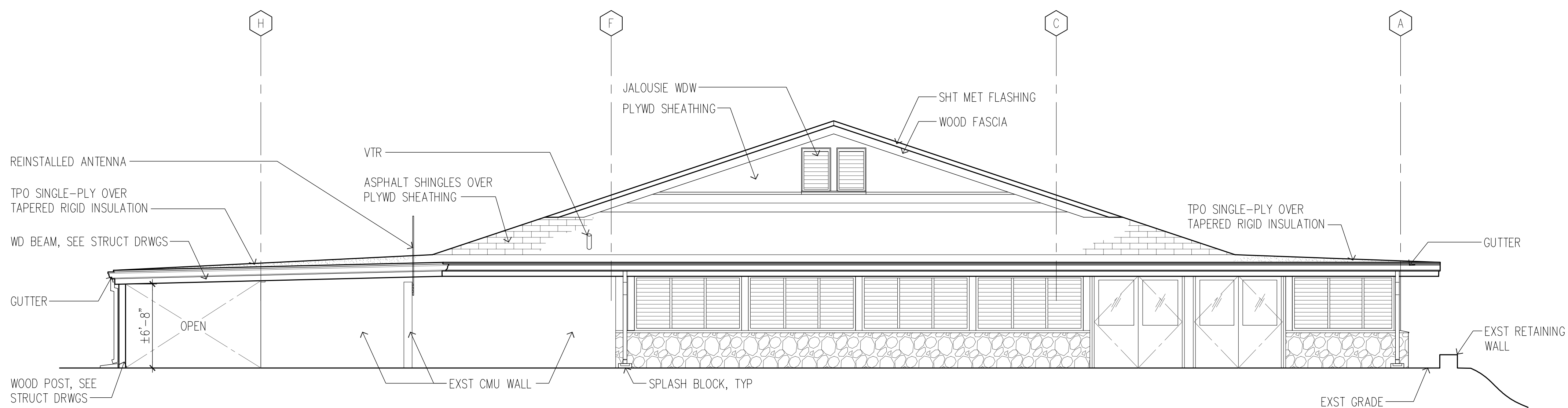


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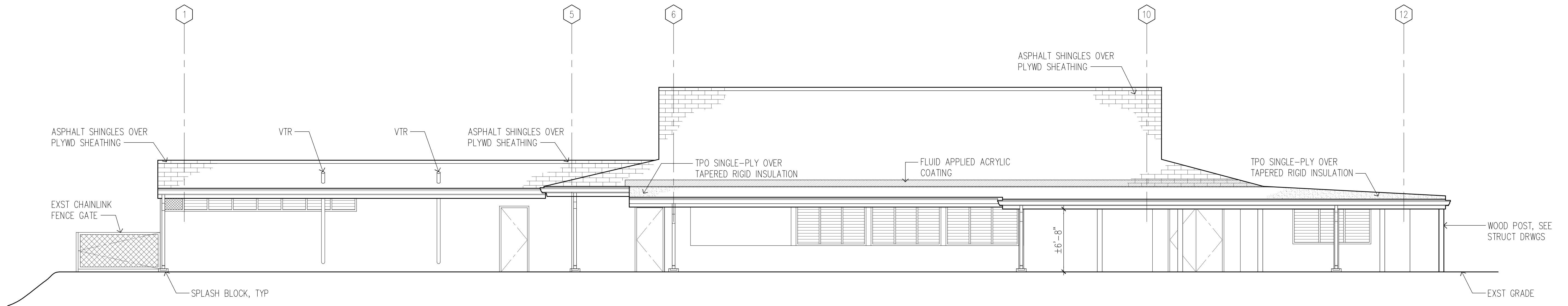


2 NORTHWEST ELEVATION
SCALE: 3/16" = 1'-0"

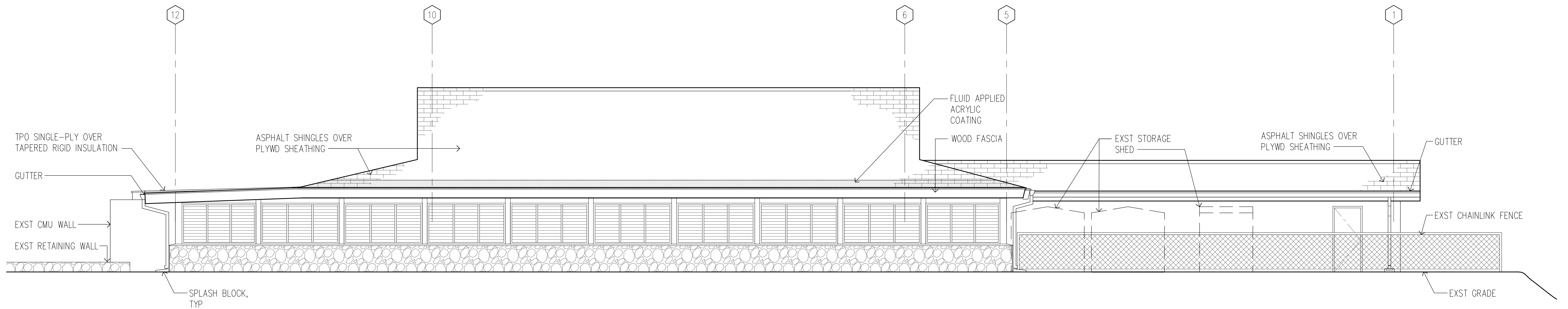
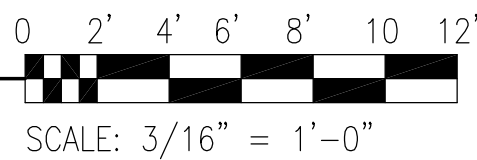


1 SOUTHEAST ELEVATION
SCALE: 3/16" = 1'-0"

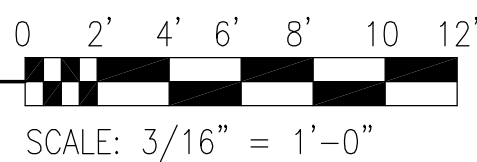
REVISION NO.	SYM.	DESCRIPTION	SHT. OF	DATE	APPROVED
STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION					
HEEIA STATE PARK IMPROVEMENTS TO BANQUET HALL BUILDING					
EXTERIOR ELEVATIONS					
DESIGNED: FE		SUBMITTED:			
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APPROVED: Carty Chang E-signed 2016-08-17 03:03PM HST carty.s.chang@hawaii.gov		DRAWING NO. A-13			
CHIEF ENGINEER					



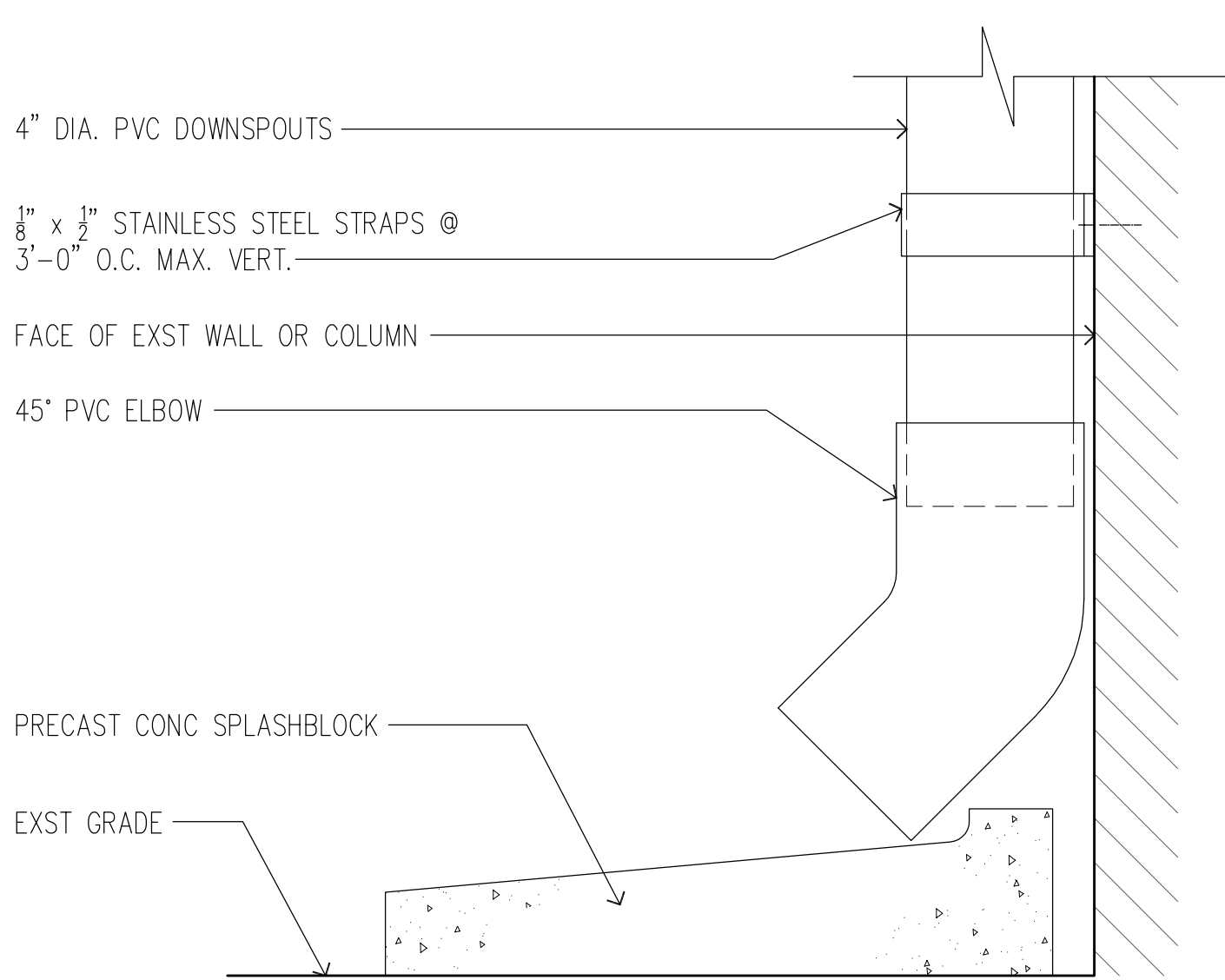
2 SOUTHWEST ELEVATION
SCALE: 3/16" = 1'-0"



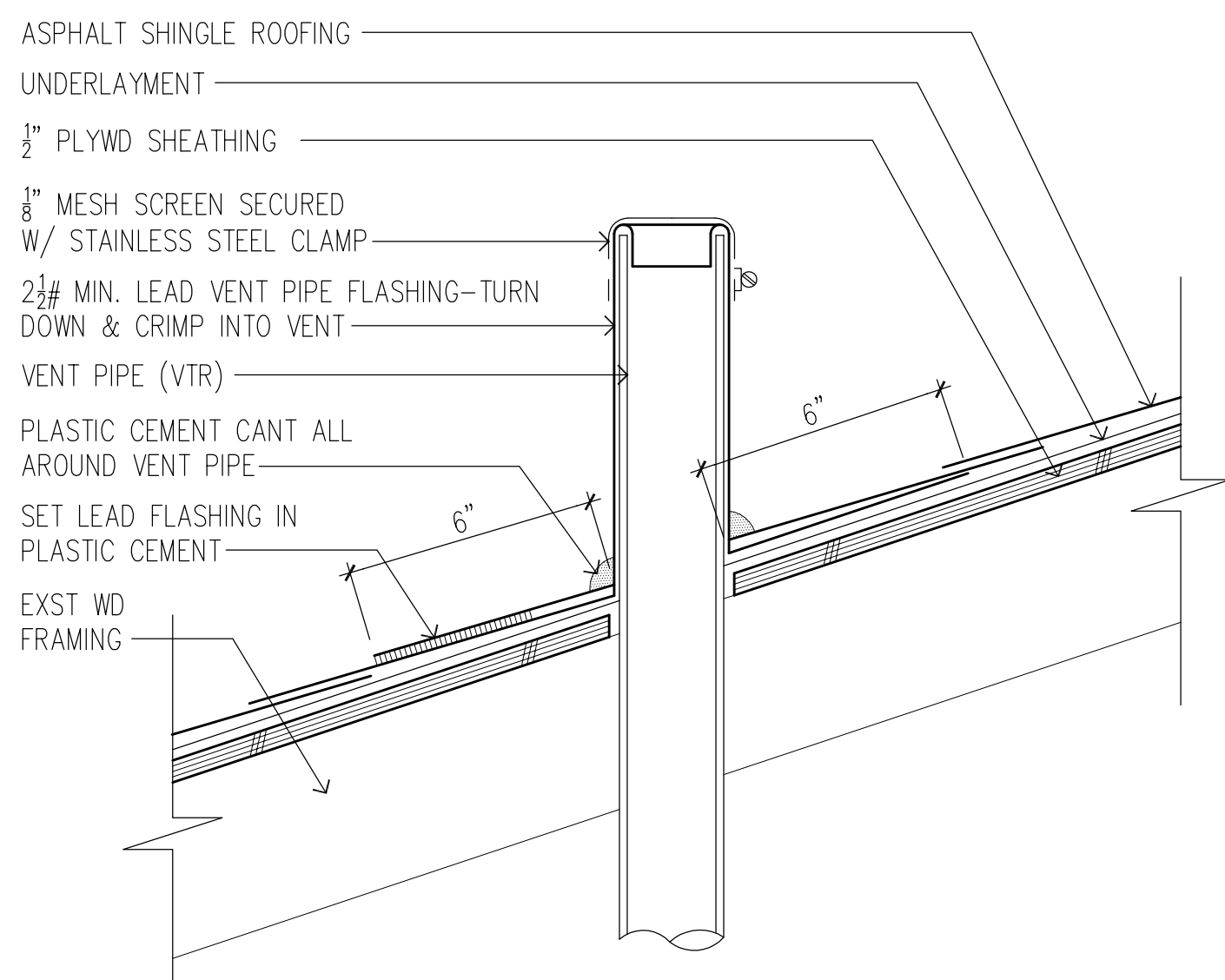
1 NORTHEAST ELEVATION
SCALE: 3/16" = 1'-0"



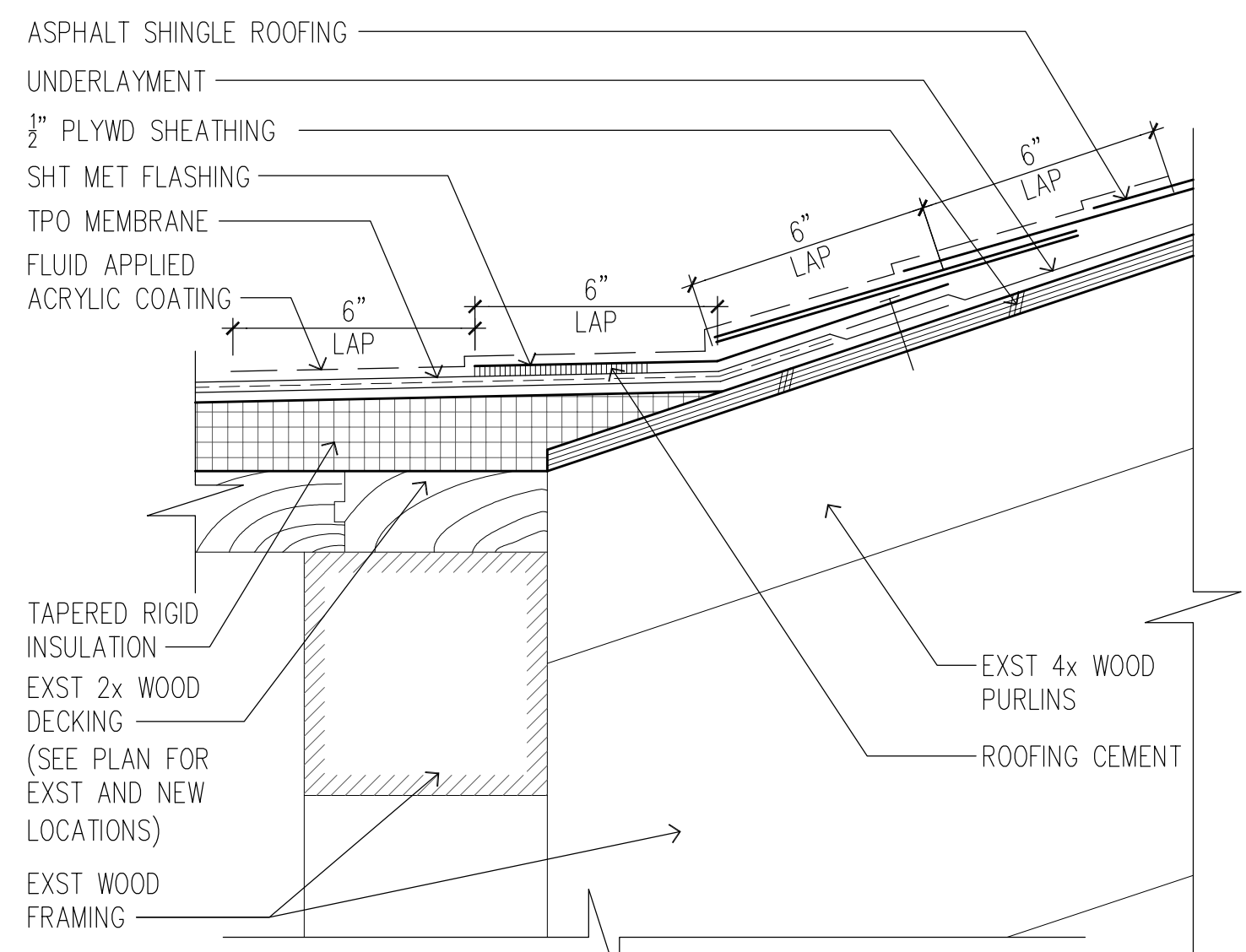
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CHIEF ENGINEER					



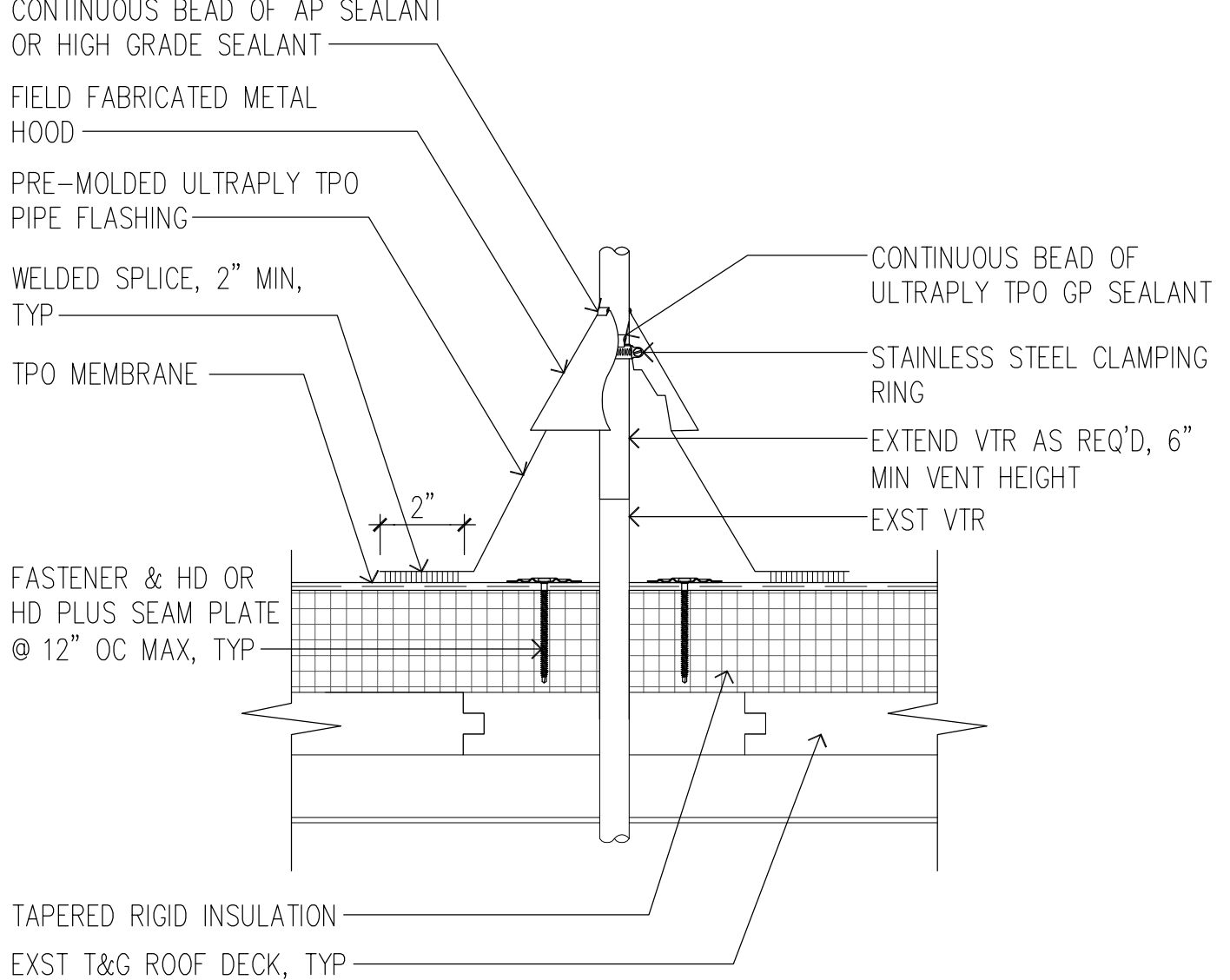
3 DOWNSPOUT DETAIL
SCALE: 3" = 1'-0"



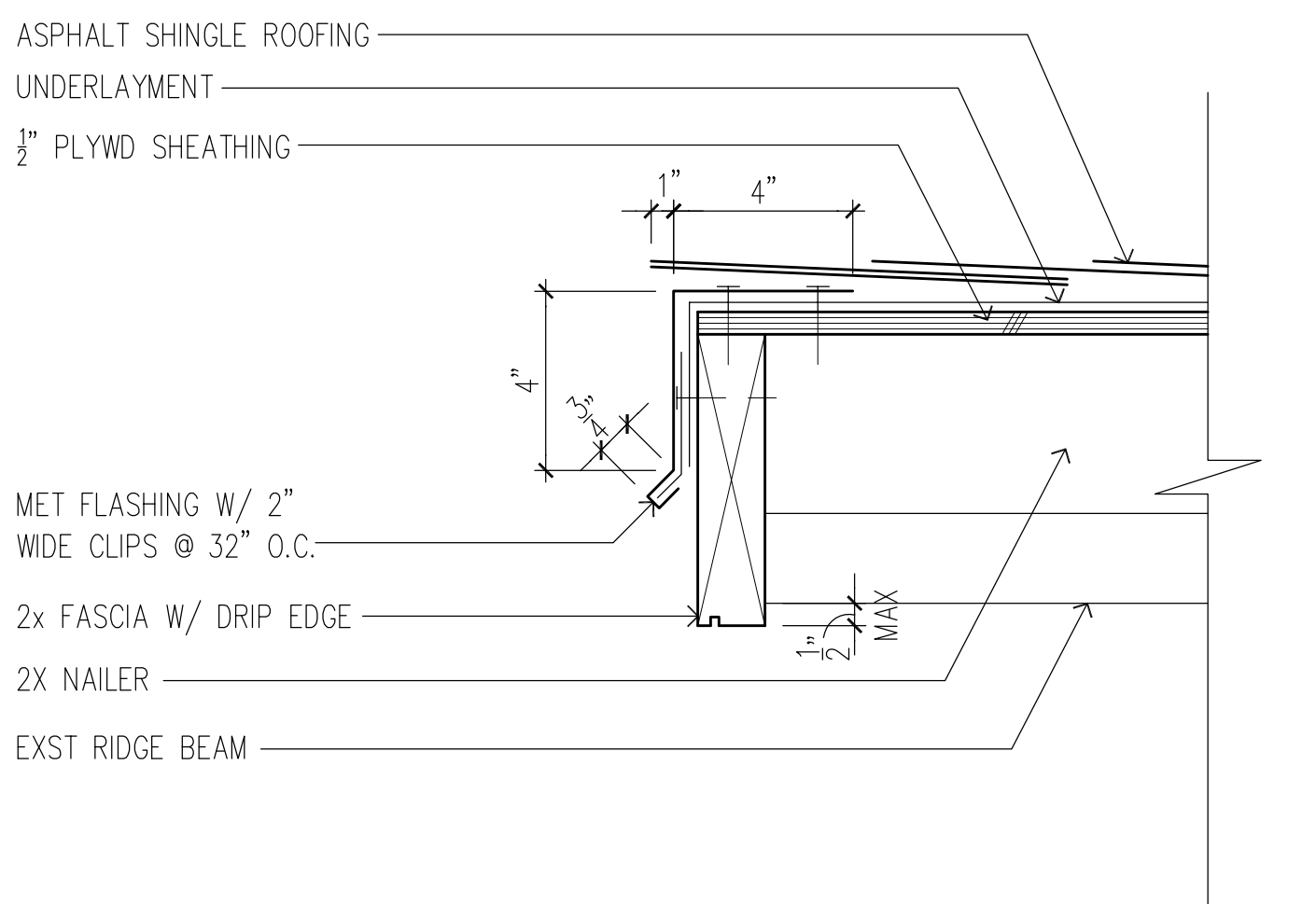
6 VTR DETAIL
SCALE: 3" = 1'-0"



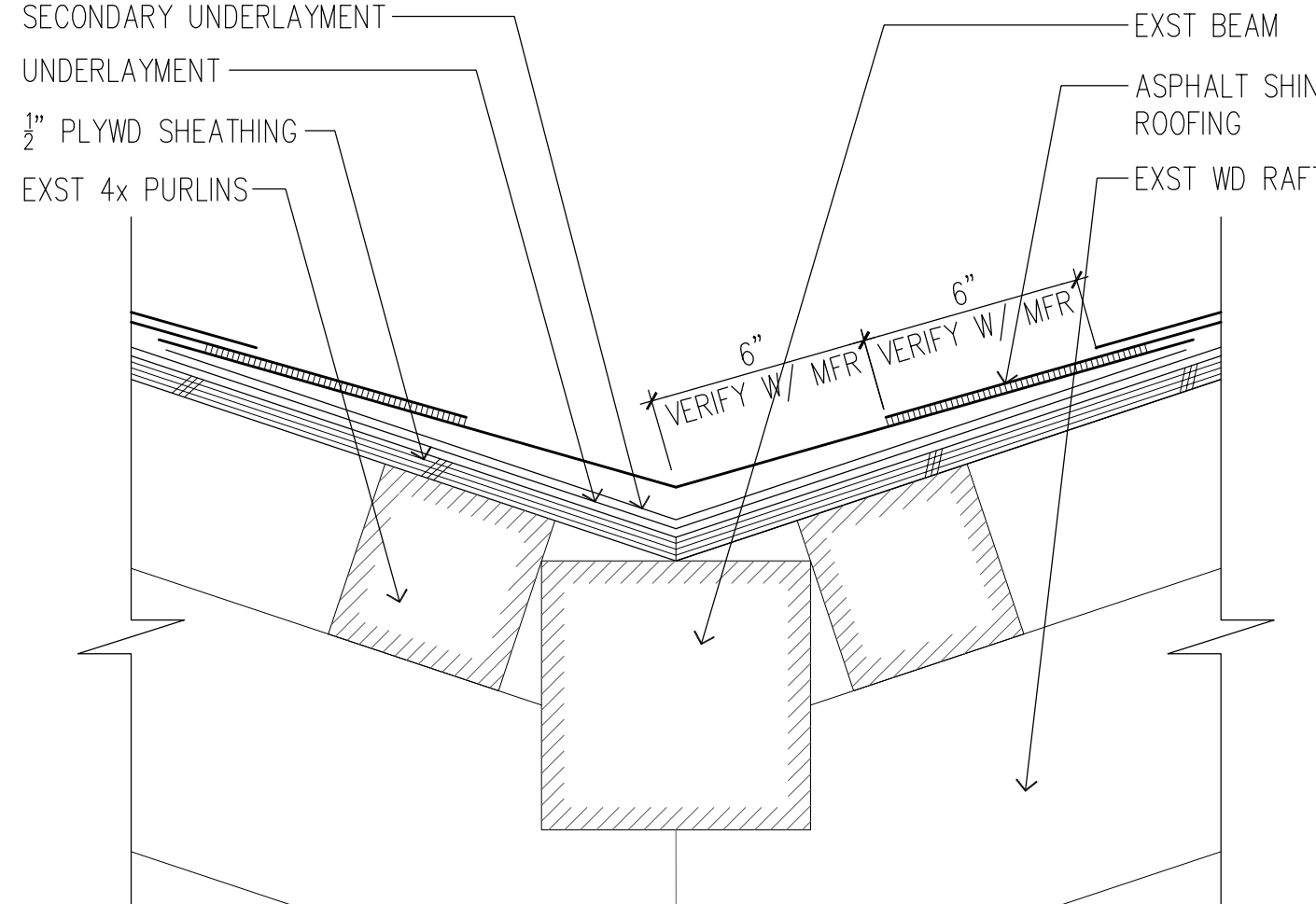
9 FLASHING DETAIL
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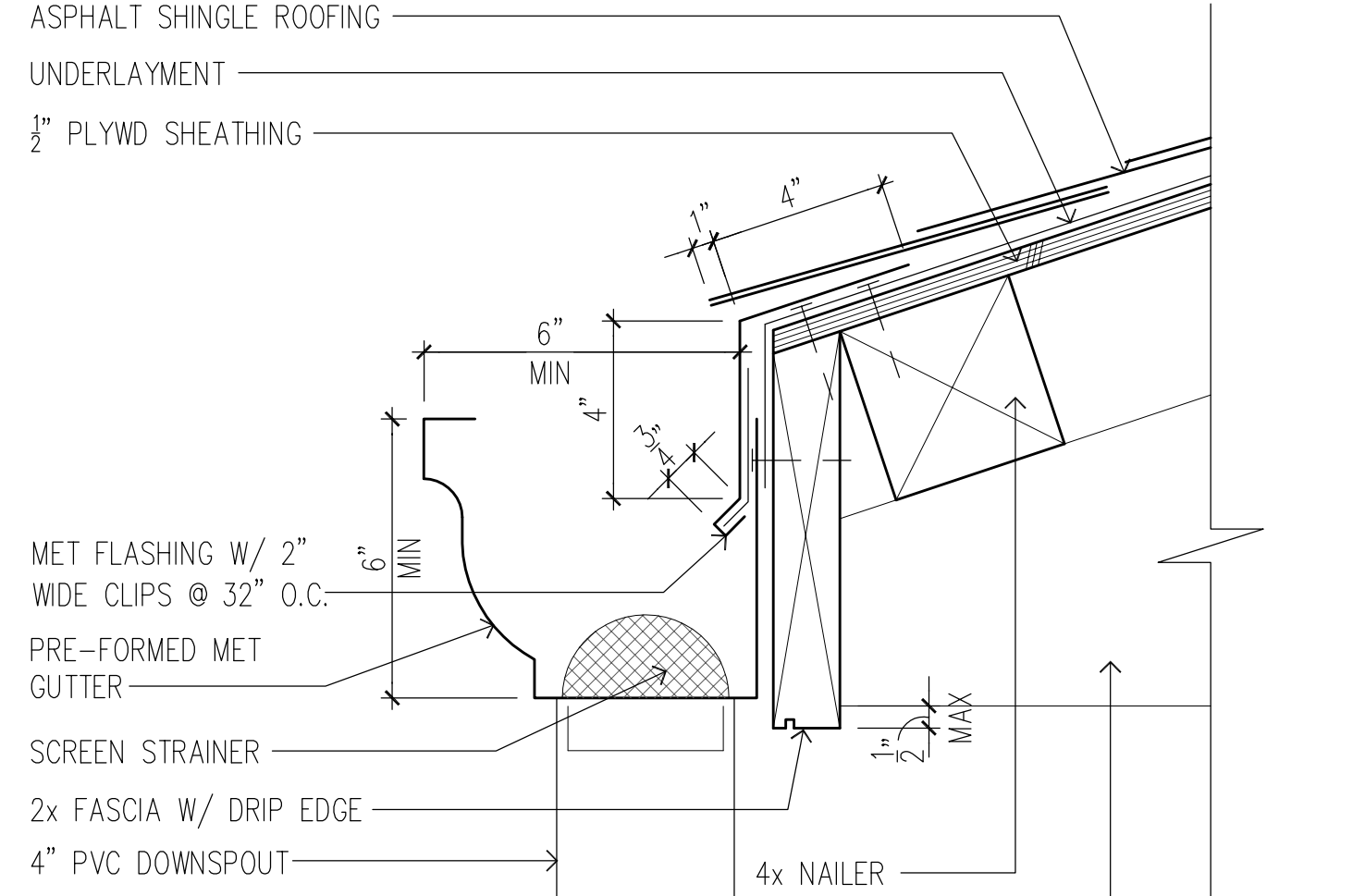
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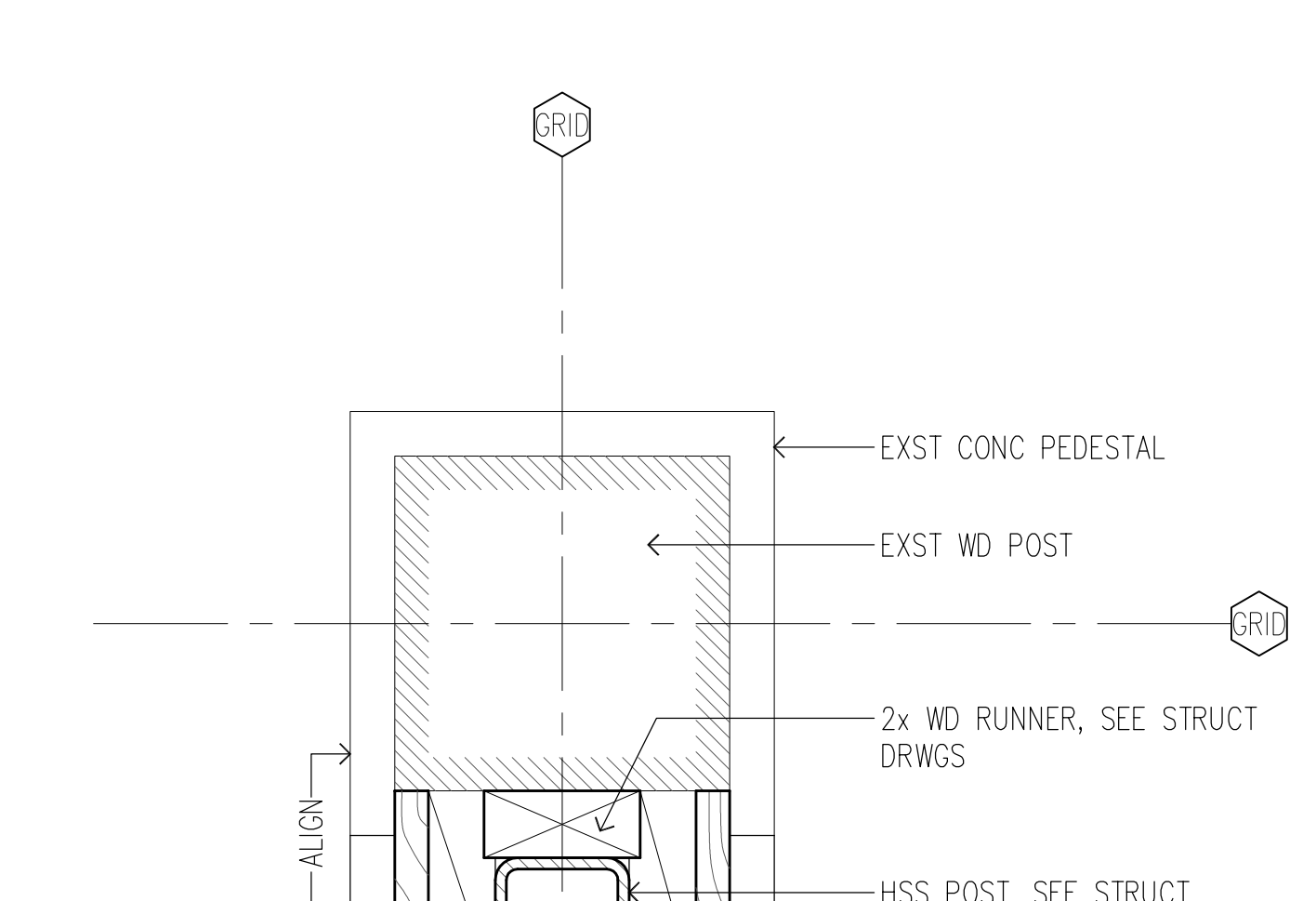
2 RAKE DETAIL
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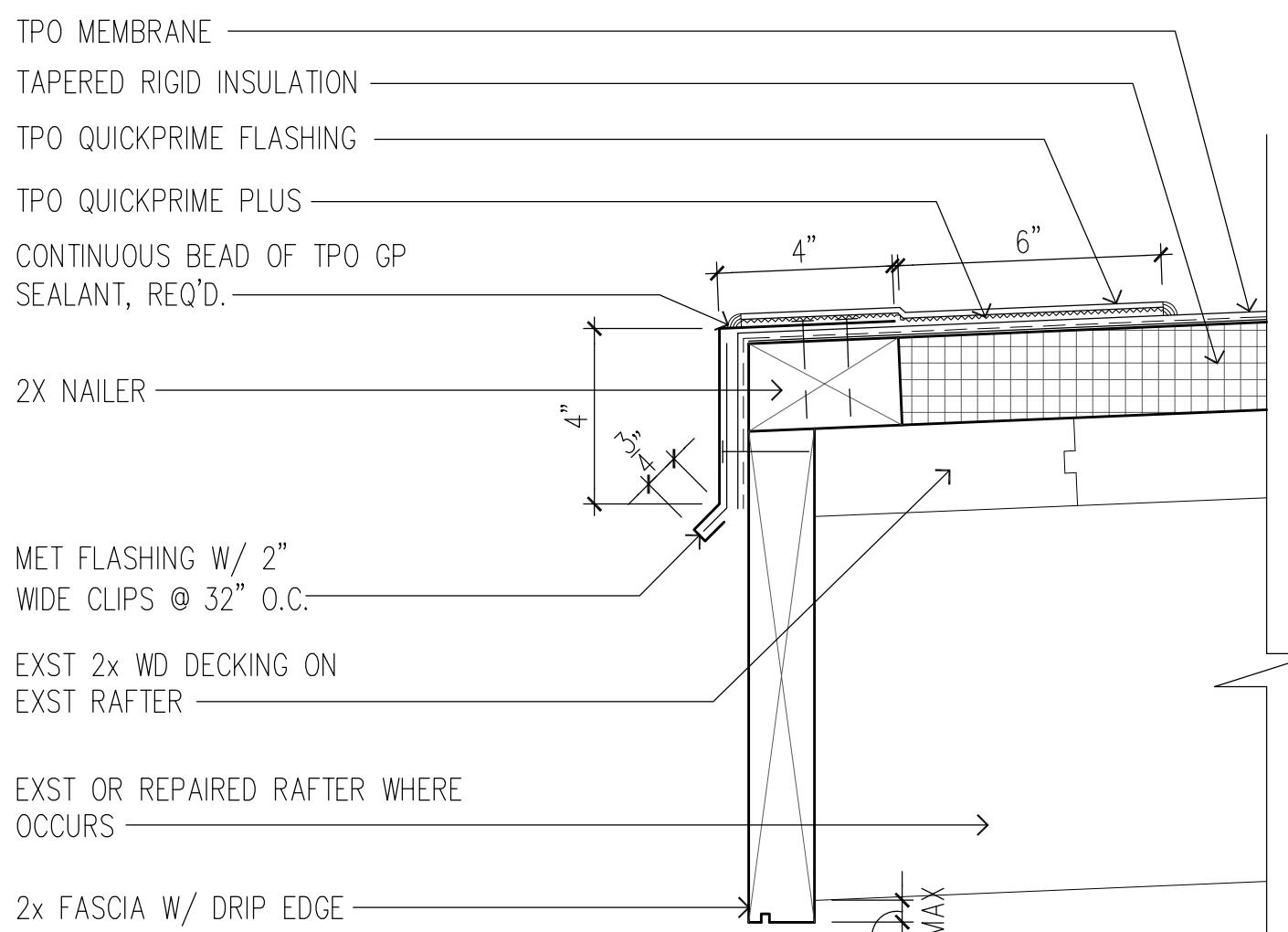
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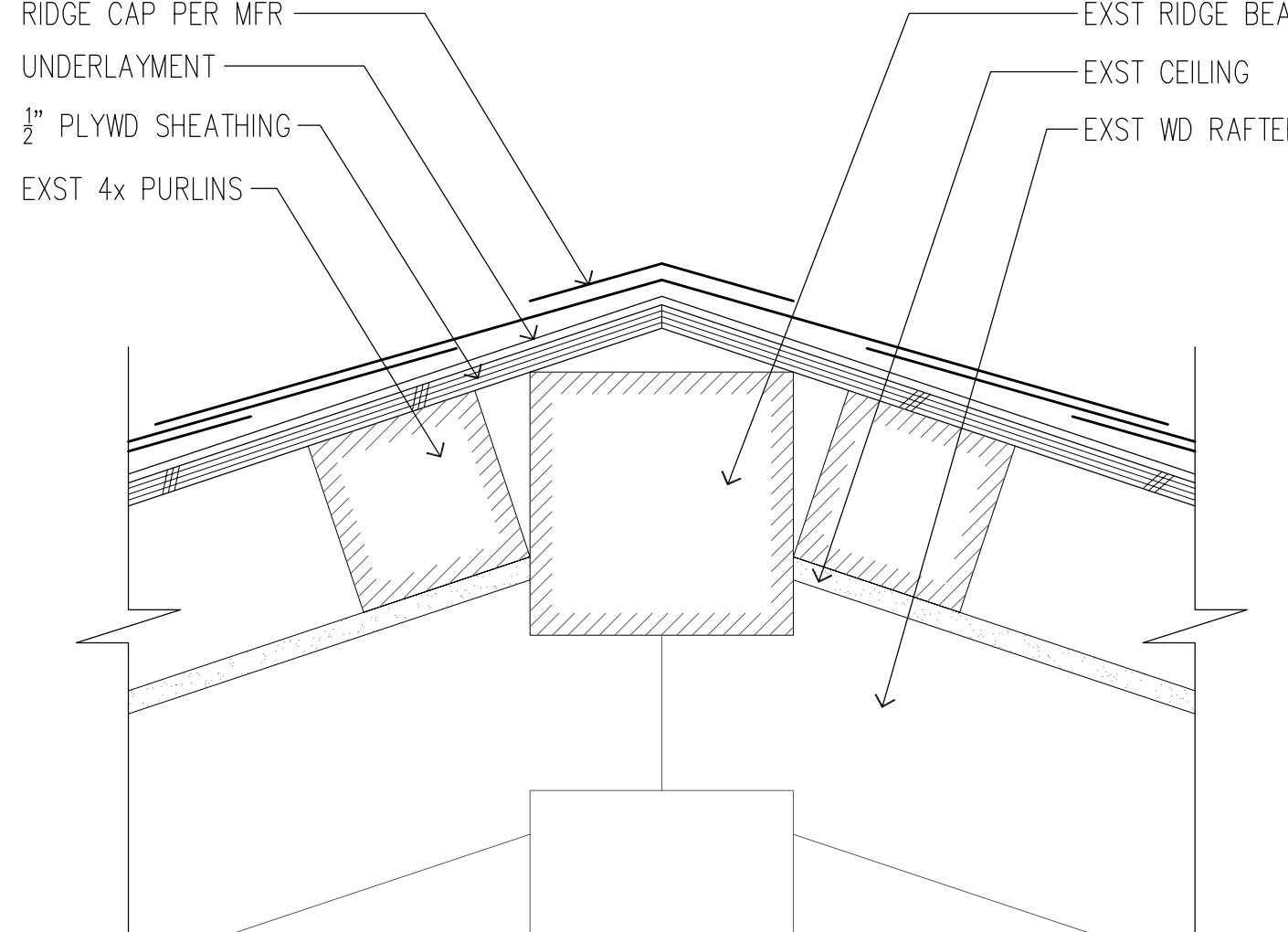
8 EAVE DETAIL
SCALE: 3" = 1'-0"



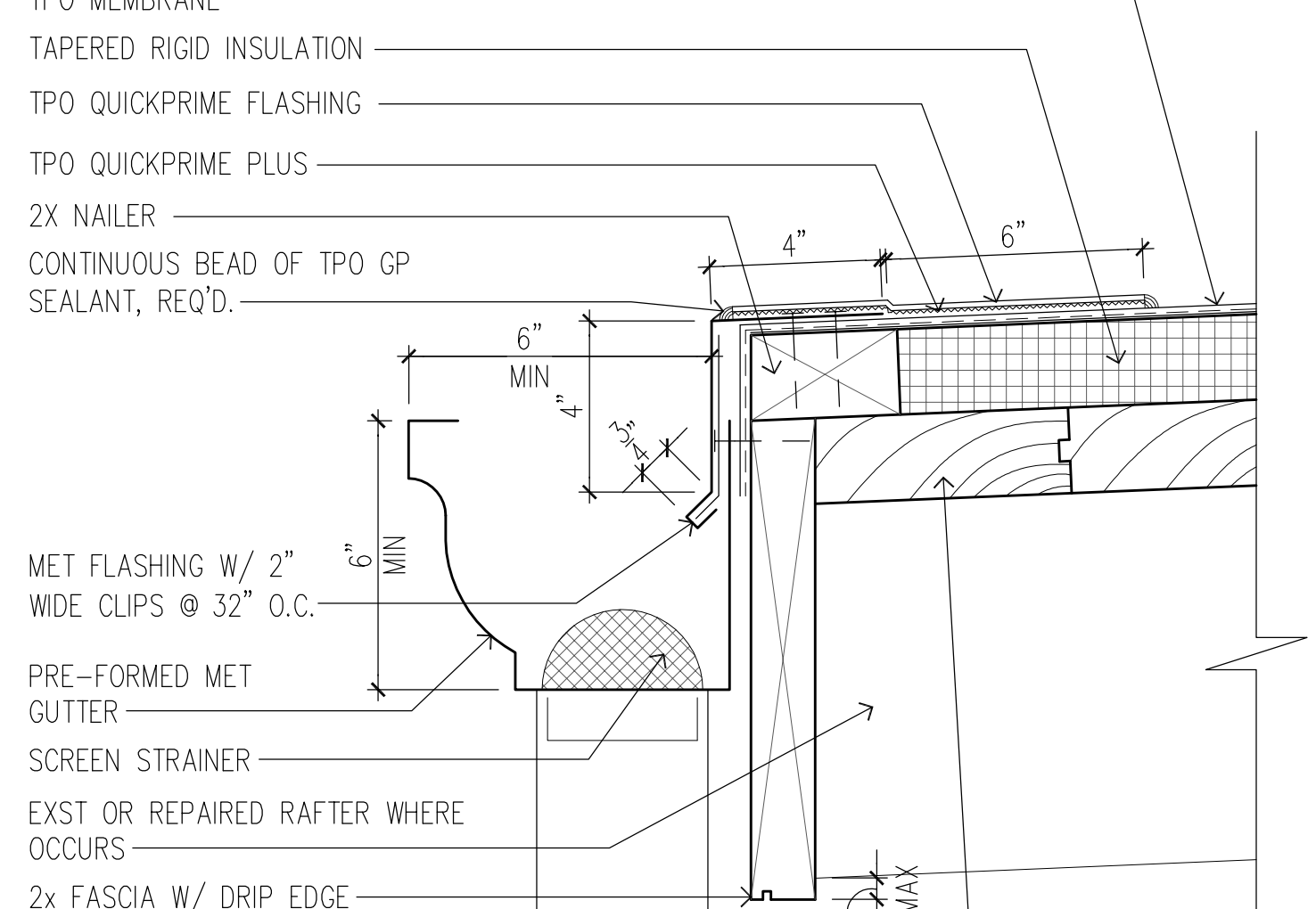
10 COLUMN DETAIL
SCALE: 3" = 1'-0"



1 EAVE DETAIL
SCALE: 3" = 1'-0"

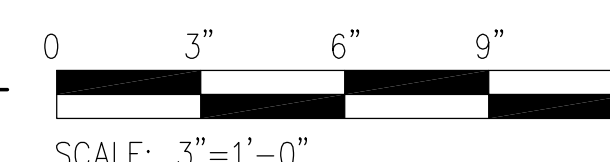
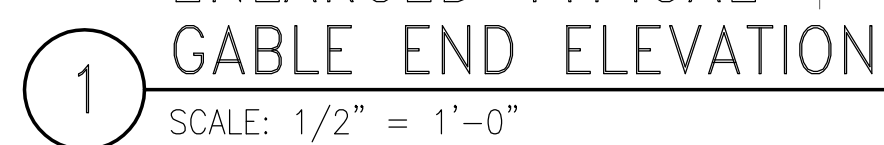
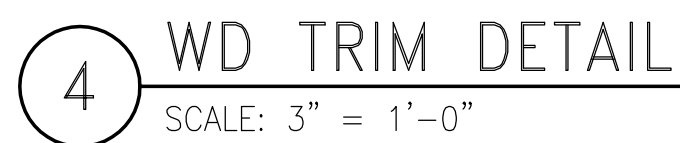
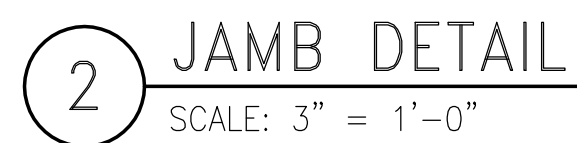
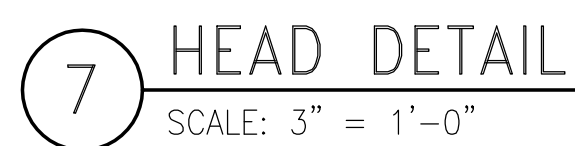
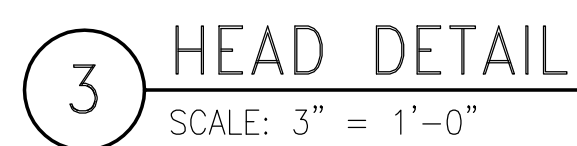


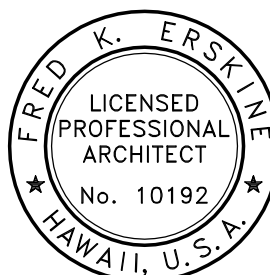
4 RIDGE DETAIL
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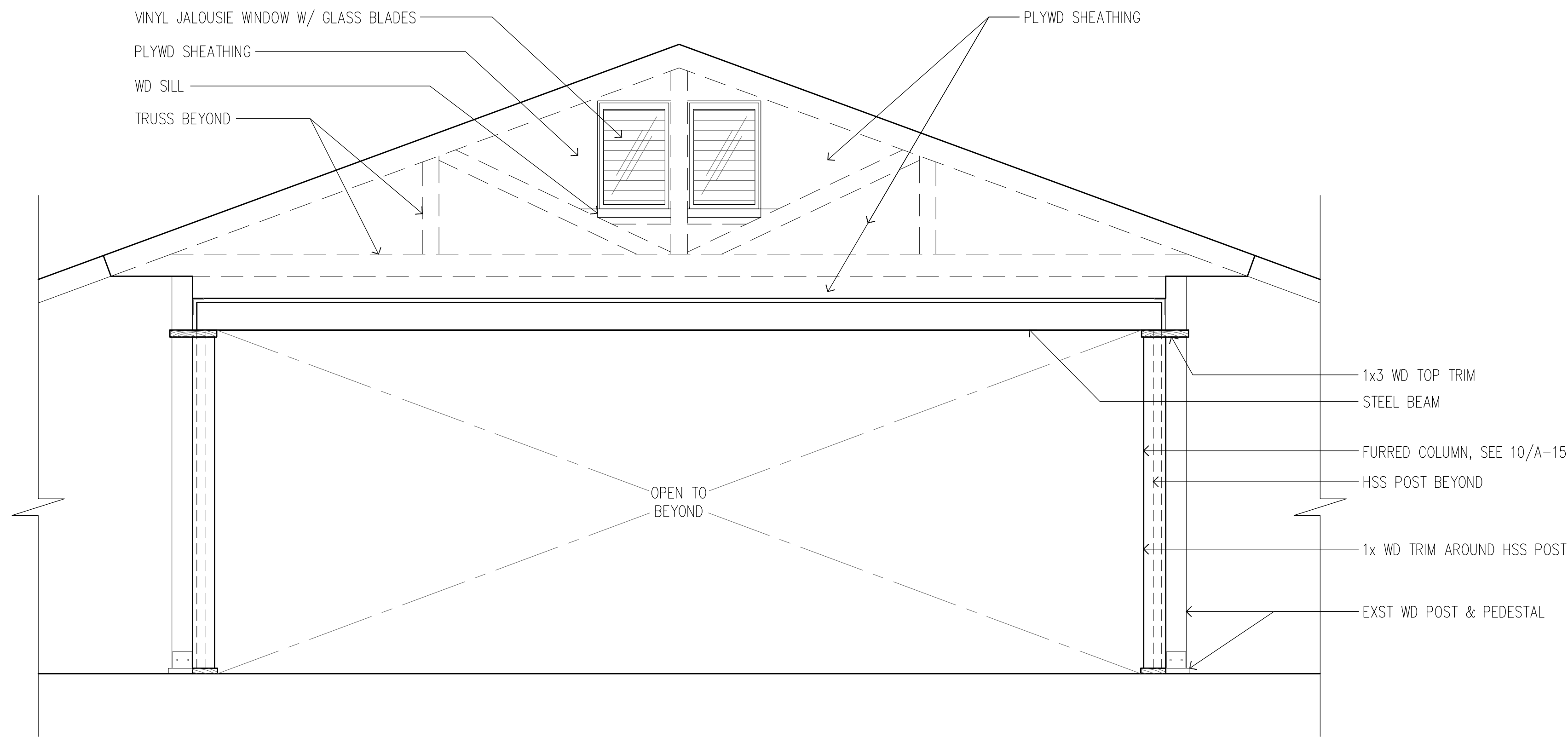


7 EAVE DETAIL
SCALE: 3" = 1'-0"

REVISION NO.	SYM.	DESCRIPTION	SHT./OF	DATE	APPROVED
STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION					
HEEIA STATE PARK IMPROVEMENTS TO BANQUET HALL BUILDING					
DETAILS					
DESIGNED: FE			SUBMITTED:		
DRAWN: JO			DATE: AUGUST 2016		
CHECKED: FE			SCALE: AS SHOWN		
APPROVED: Carty Chang E-signed 2016-08-17 03:03PM HST CHIEF ENGINEER carty.s.chang@hawaii.gov			DRAWING NO. A-15		



REVISION NO.	SYM.	DESCRIPTION	SHT./OF	DATE	APPROVED
<div></div> <p>THIS LICENSE EXPIRES APRIL 30, 2018</p> <p><i>Fred K. Erskine</i></p> <p>SIGNATURE</p> <p>THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION. (OBSERVATION OF CONSTRUCTION AS DEFINED IN CHAPTER 16-115 OF THE HAWAII ADMINISTRATIVE RULES, DEPARTMENT OF COMMERCE AND CONSUMER AFFAIRS ENTITLED PROFESSIONAL ENGINEERS, ARCHITECTS, SURVEYORS AND LANDSCAPE ARCHITECTS).</p>			STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION		
			HEEIIA STATE PARK IMPROVEMENTS TO BANQUET HALL BUILDING		
			DETAILS		
DESIGNED: FE		SUBMITTED:			
DRAWN: JO		DATE: AUGUST 2016			
CHECKED: FE		SCALE: AS SHOWN			
APPROVED:		Carty Chang E-signed 2016-08-17 03:03PM HST carty.s.chang@hawaii.gov			DRAWING NO. A-16
CHIEF ENGINEER					



1 PARTIAL INTERIOR ELEVATION
SCALE: 3/8" = 1'-0"

0 2' 4' 6' 8'

SCALE: 3/8"=1'-0"

REVISION NO.	SYM.	DESCRIPTION	SHT./OF	DATE	APPROVED
		STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION			
		HEEIA STATE PARK IMPROVEMENTS TO BANQUET HALL BUILDING			
		DETAILS - NOT USED			
DESIGNED: FE		SUBMITTED:			
DRAWN: JO		DATE: AUGUST 2016			
CHECKED: FE		SCALE: AS SHOWN			
APPROVED:		Carty Chang E-signed 2016-08-17 03:03PM HST carty.s.chang@hawaii.gov		DRAWING NO. A-17	
CHIEF ENGINEER					

- A. WORKMANSHIP AND MATERIALS SHALL CONFORM TO THE STATE BUILDING CODE OF HAWAII (IBC, 2006 EDITION AS AMENDED BY THE CITY AND COUNTY OF HONOLULU). HOWEVER, WHERE REFERENCE IS MADE TO PERFORMANCE CONFORMING TO OTHER STANDARDS THE MORE STRINGENT SHALL APPLY.
- B. THE CONTRACTOR SHALL COMPARE ALL THE CONTRACT DOCUMENTS WITH EACH OTHER AND REPORT IN WRITING TO THE ENGINEER ALL INCONSISTENCIES AND OMISSIONS.
- C. THE CONTRACTOR SHALL TAKE FIELD MEASUREMENTS AND VERIFY FIELD CONDITIONS AND SHALL COMPARE SUCH FIELD MEASUREMENTS AND CONDITIONS WITH THE DRAWINGS BEFORE COMMENCING WORK. REPORT IN WRITING TO THE ENGINEER ALL INCONSISTENCIES AND OMISSIONS.
- D. THE CONTRACTOR SHALL BE RESPONSIBLE FOR METHODS OF CONSTRUCTION, WORKMANSHIP AND JOB SAFETY. THE CONTRACTOR SHALL PROVIDE TEMPORARY SHORING AND BRACING AS REQUIRED FOR STABILITY OF STRUCTURAL MEMBERS AND SYSTEMS.
- E. CONSTRUCTION LOADING SHALL NOT EXCEED DESIGN LIVE LOAD UNLESS SPECIAL SHORING IS PROVIDED. ALLOWABLE LOADS SHALL BE REDUCED IN AREAS WHERE THE STRUCTURE HAS NOT ATTAINED FULL DESIGN STRENGTH.
- F. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION OF THE ADJACENT PROPERTIES, STRUCTURES, STREETS AND UTILITIES DURING THE CONSTRUCTION PERIOD.
- G. DETAILS NOTED AS TYPICAL ON THE STRUCTURAL DRAWINGS SHALL APPLY IN ALL CONDITIONS UNLESS SPECIFICALLY SHOWN OR NOTED.
- H. THE GENERAL CONTRACTOR AND HIS SUBCONTRACTORS MUST SUBMIT IN WRITING ANY REQUESTS FOR MODIFICATIONS TO THE PLANS AND SPECIFICATIONS.

A. DESIGN LIVE LOADS
A. ROOF _____ 20 PSF

- A. FABRICATION AND ERECTION OF STRUCTURAL STEEL SHALL CONFORM TO THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION MANUAL OF STEEL CONSTRUCTION, THIRTEENTH EDITION.
- B. STRUCTURAL STEEL SHALL CONFORM TO ASTM A36 UNLESS OTHERWISE NOTED.
- C. STEEL TUBES SHALL CONFORM TO ASTM A500, GRADE B
- D. BOLTS FOR STRUCTURAL STEEL TO STRUCTURAL STEEL CONNECTIONS SHALL CONFORM TO ASTM A325, TYPE N. USE LOAD INDICATOR WASHERS.

- F. THREADED RODS SHALL CONFORM TO ASTM F1554 GRADE 36 UNLESS OTHERWISE NOTED.
- G. ANCHOR RODS FOR STRUCTURAL STEEL TO CONCRETE PEDESTAL OR FOOTING ANCHORAGE SHALL CONFORM TO ASTM F1554 GRADE 36 UNLESS OTHERWISE NOTED.
- H. WELDS AND WELDING PROCEDURES SHALL CONFORM TO THE STRUCTURAL WELDING CODE AWS D1.1 OF THE AMERICAN WELDING SOCIETY.
- I. WELDING SHALL BE PERFORMED BY WELDERS PREQUALIFIED FOR WELDING PROCEDURES TO BE USED.
- J. WELDING ELECTRODES SHALL BE E70XX.
- K. ALL STEEL SHALL BE PRIME PAINTED IN THE SHOP.
- L. EXPOSED STEEL SHALL BE HOT-DIPPED GALVANIZED.
- M. THE FOLLOWING SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW:
 - A. SHOP DRAWINGS DETAILING FABRICATION OF STRUCTURAL STEEL COMPONENTS INCLUDING DETAILS OF CUTS, CONNECTIONS, HOLES; WELDS; TYPE, SIZE AND LENGTH OF BOLTS; AND OTHER PERTINENT DATA.
 - B. CURRENT WELDER'S CERTIFICATION OF EACH INDIVIDUAL PERFORMING WELDING WORK.
 - C. MILL TEST REPORTS SIGNED BY MANUFACTURERS CERTIFYING THAT STRUCTURAL STEEL, BOLTS, AND OTHER COMPONENTS COMPLY WITH REQUIREMENTS.

- A. STRUCTURAL LUMBER SHALL BE TERMITE AND ROT PRESSURE PRESERVATIVE TREATED COASTAL DOUGLAS FIR CONFORMING TO STANDARD GRADING AND DRESSING RULES OF THE WEST COAST LUMBER INSPECTION BUREAU (WCLIB).
- B. UNLESS OTHERWISE NOTED, STRUCTURAL MEMBERS SHALL HAVE THE FOLLOWING GRADES OR BETTER:
 - A. 2X JOISTS AND RAFTERS _____ GRADE NO. 2
 - B. 4X BEAMS AND HEADERS _____ GRADE NO. 1
 - C. 6X POSTS _____ GRADE NO. 1 AND BETTER
- C. SHEATHING SHALL BE IDENTIFIED WITH THE APPROPRIATE TRADEMARK OF THE AMERICAN PLYWOOD ASSOCIATION, AND SHALL MEET THE REQUIREMENTS OF THE LATEST EDITION OF U.S. PRODUCT STANDARD PS 1 OR APA'S PERFORMANCE STANDARDS.
 - A. ROOF SHEATHING SHALL BE TONGUE AND GROOVE CDX APA RATED SHEATHING, EXPOSURE 1, 32/16 SPAN RATING.
- D. 2X ROOF DECKING SHALL BE SELECTED DECKING GRADE.
- E. PROVIDE MINIMUM NAILING PER TABLE 2304.9.1 OF THE INTERNATIONAL BUILDING CODE, UNLESS OTHERWISE NOTED.
- F. ALL NAILS SHALL BE GALVANIZED COMMON NAILS. ALL NAILS IN EXPOSED, EXTERIOR CONNECTIONS SHALL BE HOT DIPPED GALVANIZED.
- G. BOLTS SHALL CONFORM TO ASTM A307, AND SHALL BE GALVANIZED.
- H. PREFABRICATED FRAMING HARDWARE SHALL BE GALVANIZED SIMPSON STRONG TIE HARDWARE, MINIMUM G90 COATING, OR APPROVED EQUAL. INSTALL IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
- I. PLACE A LAYER OF 30# ROOFING FELT BETWEEN ALL WOOD MEMBERS AND CONCRETE OR MASONRY SURFACES.

A. CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT SPECIAL INSPECTION OF PORTIONS OF THE WORK, AS REQUIRED BY THE BUILDING CODE OF THE CITY AND COUNTY OF HONOLULU, IS MADE AT THE APPROPRIATE TIME. THE CONTRACTOR SHALL GIVE TIMELY NOTICE OF WHEN AND WHERE INSPECTIONS ARE TO BE MADE AND PROVIDE ACCESS FOR THE INSPECTOR. THE CONTRACTOR SHALL CORRECT DEFECTIVE WORK AT NO ADDITIONAL COST TO THE OWNER AND PAY FOR RE-INSPECTION.

B. THE FOLLOWING STRUCTURAL WORK REQUIRES SPECIAL INSPECTION:

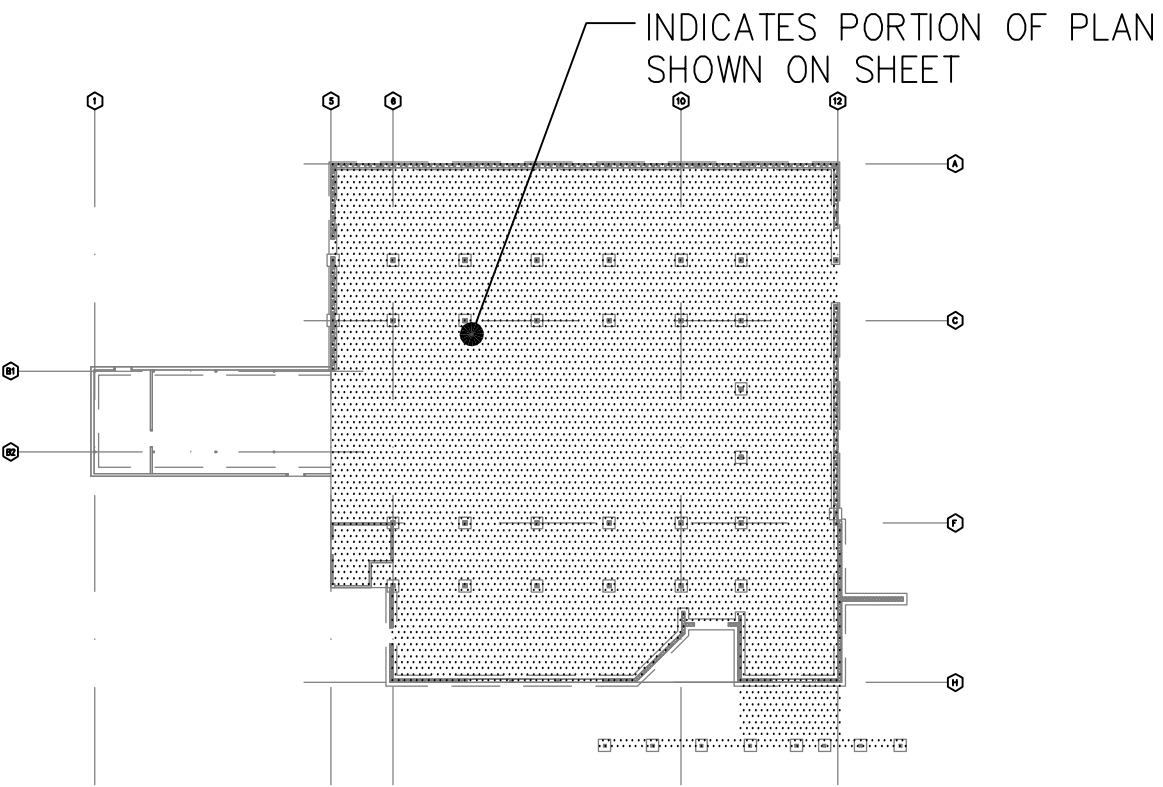
- A. DRILLED AND EPOXIED THREADED RODS IN CONCRETE OR MASONRY
- B. STRUCTURAL WELDING
- C. HIGH STRENGTH BOLTING

C. THE SPECIAL INSPECTOR SHALL FURNISH INSPECTION REPORTS TO THE OWNER, LICENSED ENGINEER OR ARCHITECT OF RECORD, AND OTHER OWNER-DESIGNATED PERSONS. REPORTS SHALL INDICATE THAT WORK INSPECTED WAS DONE IN CONFORMANCE TO APPROVED CONSTRUCTION DOCUMENTS. THE SPECIAL INSPECTOR SHALL SUBMIT A FINAL SIGNED REPORT TO THE OWNER AND LICENSED ENGINEER OR ARCHITECT OF RECORD, STATING WHETHER THE WORK REQUIRING SPECIAL INSPECTION WAS, TO THE BEST OF THE INSPECTOR'S KNOWLEDGE, IN CONFORMANCE TO THE APPROVED PLANS AND SPECIFICATIONS AND THE APPLICABLE WORKMANSHIP PROVISIONS OF THIS CODE. PRIOR TO THE FINAL INSPECTION REQUIRED UNDER THE BUILDING CODE SECTION 109.3.10 THE LICENSED ENGINEER OR ARCHITECT OF RECORD SHALL SUBMIT A WRITTEN STATEMENT VERIFYING RECEIPT OF THE FINAL INSPECTION REPORTS AND DOCUMENTING THAT THERE ARE NO UNRESOLVED CODE REQUIREMENTS THAT CREATE SIGNIFICANT PUBLIC SAFETY DEFICIENCIES.

D. CONTRACTOR SHALL SUBMIT A STATEMENT CONTAINING AN ACKNOWLEDGEMENT OF AWARENESS OF THE SPECIAL INSPECTION REQUIREMENTS CONTAINED ON THE DRAWINGS AND THAT THE CONSTRUCTION REQUIRING SPECIAL INSPECTIONS WILL BE MADE ACCESSIBLE FOR INSPECTIONS.

- A. THIS PROJECT INCORPORATES VARIABLE QUANTITIES TO ACCOUNT FOR THE CONSTRUCTION COSTS OF UNSEEN EXISTING DAMAGES THAT ARE INCURRED DURING CONSTRUCTION THAT MUST BE REMOVED AND/OR REPAIRED UNDER THE SCOPE OF WORK. REFER TO SPECIFICATION SECTION 01270 – VARIABLE QUANTITIES UNIT PRICES.
- B. THE FOLLOWING ARE THE QUALIFYING VARIABLE QUANTITY ITEMS FOR THIS PROJECT:
 - A. REMOVE DAMAGED EXISTING 2X ROOF DECKING AND INSTALL NEW 2X ROOF DECKING
 - B. REMOVE DAMAGED EXISTING 2X PURLINS AND INSTALL NEW 2X PURLINS OVER KITCHEN AREA
 - C. REMOVE DAMAGED EXISTING 4X ROOF PURLINS AND INSTALL NEW 4X PURLINS OVER BANQUET HALL AREA

JOB NO. F27C793A SHEET NO. 19 OF 33 SHEETS



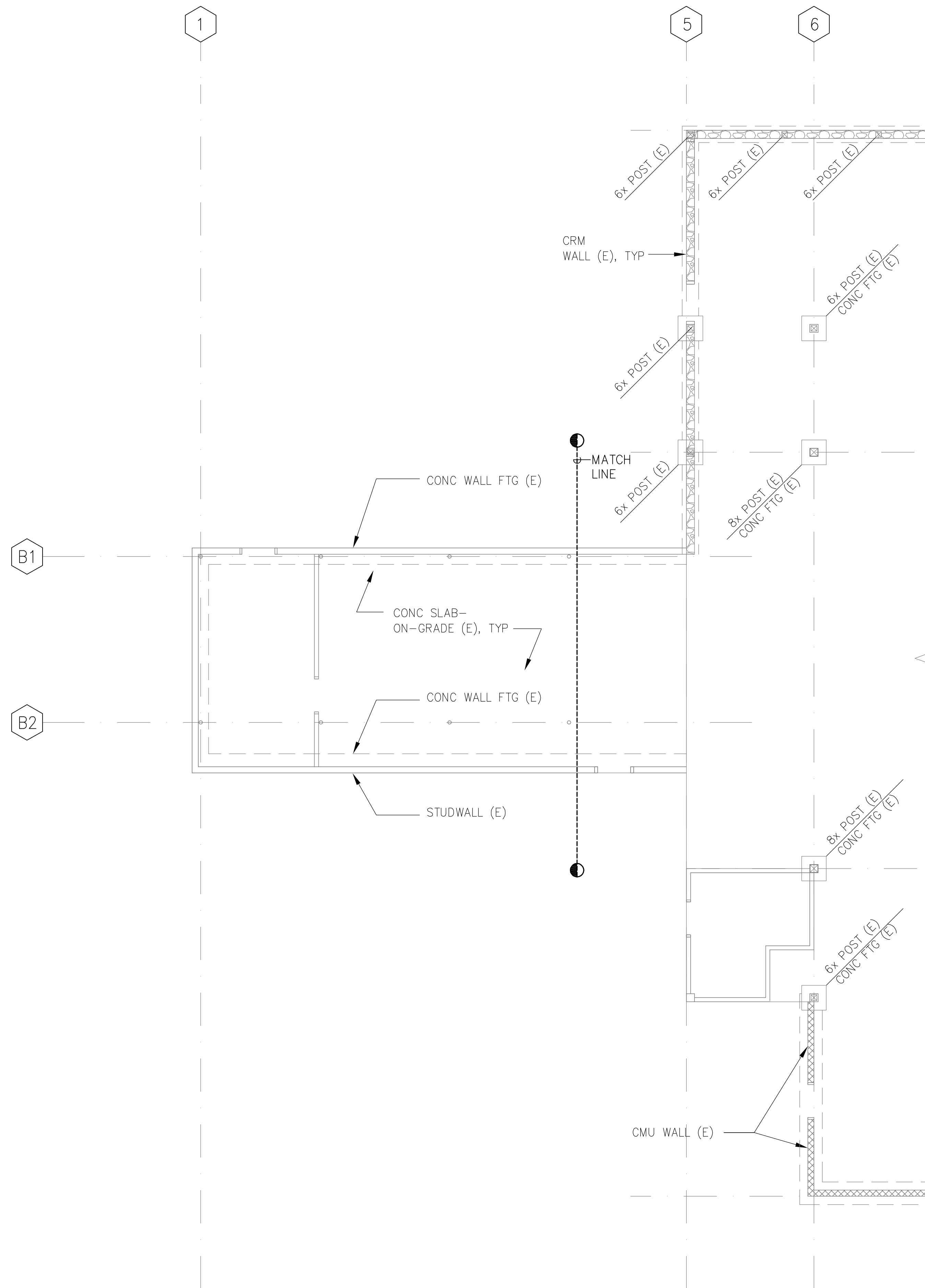
KEY PLAN
NOT TO SCALE

LEGEND:

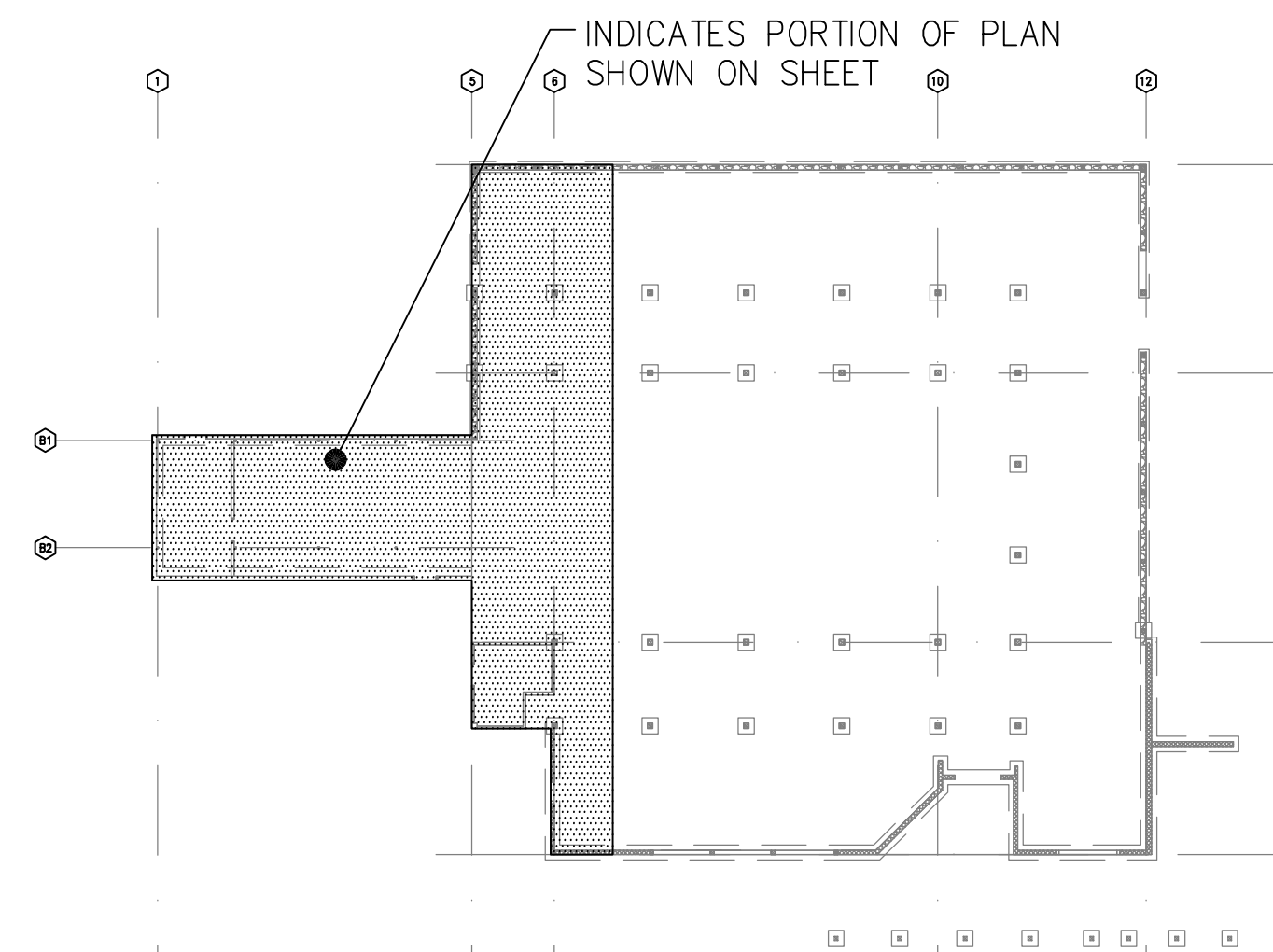
- INDICATES EXISTING STUDWALL
- INDICATES EXISTING FULL HEIGHT CMU WALL
- INDICATES EXISTING CRM WALL

PARTIAL EXISTING FOUNDATION DEMOLITION PLAN 1
SCALE: 3/16" = 1'-0"

REVISION NO.	SYM.	DESCRIPTION	SHT./OF	DATE	APPROVED								
<div><div><p>Ron E. Iwamoto LICENSED PROFESSIONAL ENGINEER No. 8871-S HAWAII, U.S.A.</p><p><i>Ron E. Iwamoto</i> Expiration date of License: 4/30/18 THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION</p></div><div><p>STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION</p><p>HEEIA STATE PARK IMPROVEMENTS TO BANQUET HALL BUILDING</p><p>PARTIAL EXISTING FOUNDATION DEMOLITION PLAN 1</p><table border="1"><tr><td>DESIGNED: RI</td><td>SUBMITTED:</td></tr><tr><td>DRAWN: IB</td><td>DATE: AUGUST 2016</td></tr><tr><td>CHECKED: RI</td><td>SCALE: AS SHOWN</td></tr><tr><td>APPROVED: Carty Chang E-signed 2016-08-17 03:03PM HST carty.s.chang@hawaii.gov</td><td>DRAWING NO. S-2</td></tr></table></div></div>						DESIGNED: RI	SUBMITTED:	DRAWN: IB	DATE: AUGUST 2016	CHECKED: RI	SCALE: AS SHOWN	APPROVED: Carty Chang E-signed 2016-08-17 03:03PM HST carty.s.chang@hawaii.gov	DRAWING NO. S-2
DESIGNED: RI	SUBMITTED:												
DRAWN: IB	DATE: AUGUST 2016												
CHECKED: RI	SCALE: AS SHOWN												
APPROVED: Carty Chang E-signed 2016-08-17 03:03PM HST carty.s.chang@hawaii.gov	DRAWING NO. S-2												
CHIEF ENGINEER													



PARTIAL EXISTING FOUNDATION DEMOLITION PLAN 2
SCALE: 3/16" = 1'-0"



KEY PLAN
NOT TO SCALE

LEGEND:

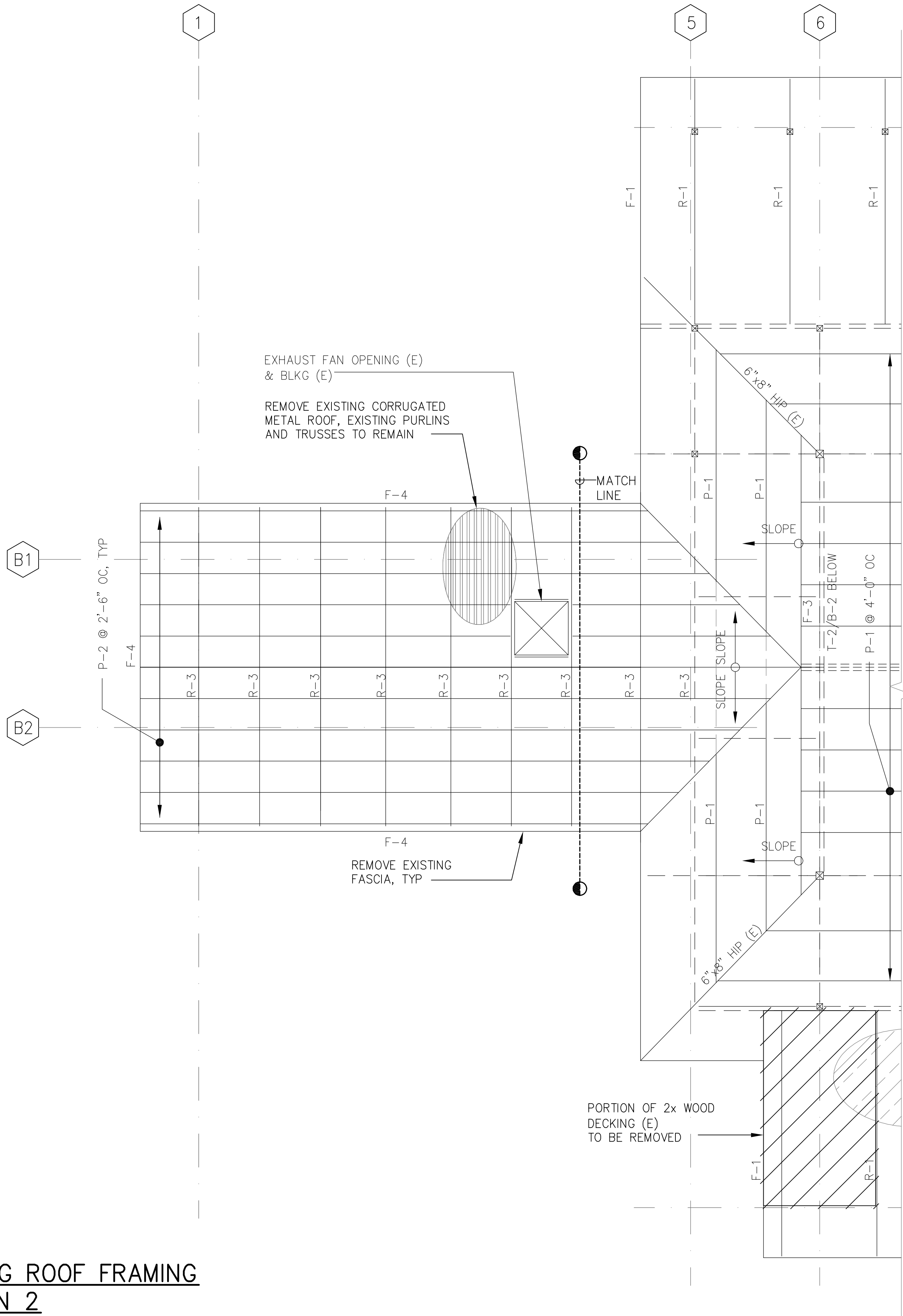
- INDICATES EXISTING STUDWALL
- INDICATES EXISTING FULL HEIGHT CMU WALL
- INDICATES EXISTING CRM WALL

REVISION NO.	SYM.	DESCRIPTION	SHT./OF	DATE	APPROVED
STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION					
HEEIA STATE PARK IMPROVEMENTS TO BANQUET HALL BUILDING					
PARTIAL EXISTING FOUNDATION DEMOLITION PLAN 2					
DESIGNED: RI			SUBMITTED:		
DRAWN: IB			DATE: AUGUST 2016		
CHECKED: RI			SCALE: AS SHOWN		
APPROVED:			DRAWING NO.		
CHIEF ENGINEER			S-3		

RON E. IWAMOTO
LICENSED PROFESSIONAL ENGINEER
No. 8871-S
HAWAII, U.S.A.

Ron E. Iwamoto
Expiration date of License: 4/30/18
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

Carty Chang
E-signed 2016-08-17 03:03PM HST
carty.s.chang@hawaii.gov



PARTIAL EXISTING ROOF FRAMING
DEMOLITION PLAN 2

SCALE: 3/16" = 1'-0"

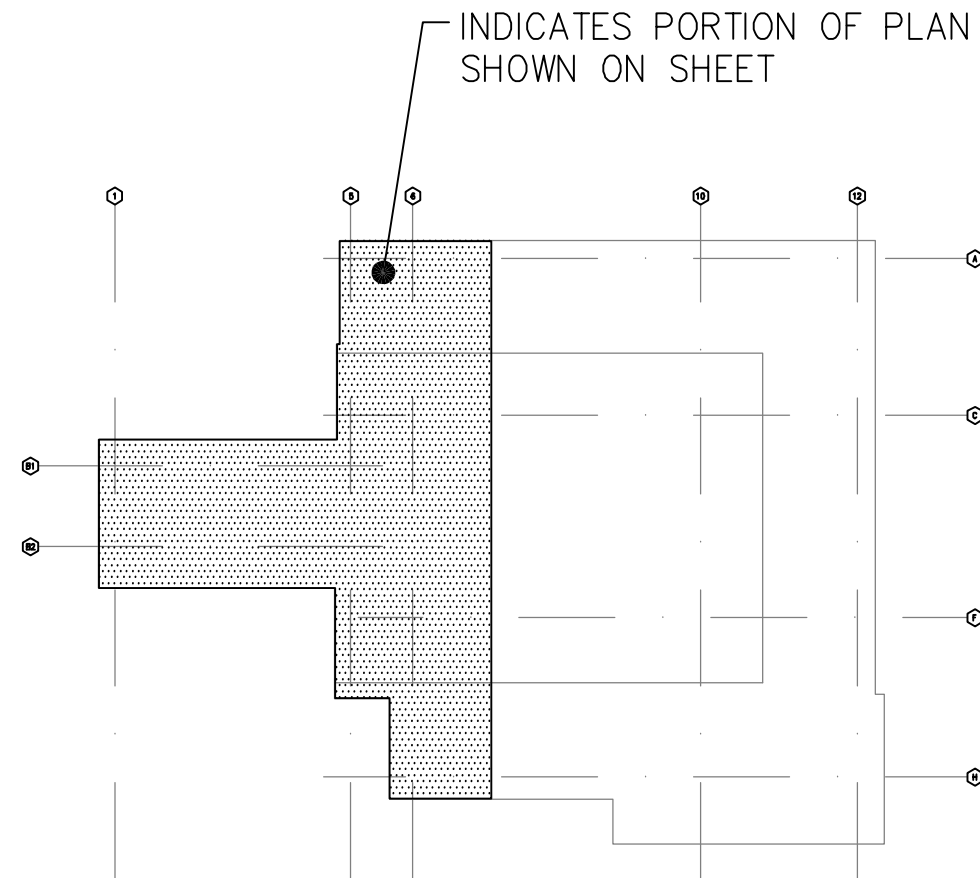
LEGEND:

- REMOVE EXISTING WOOD DECKING AND ROOFING, EXISTING RAFTERS TO REMAIN
- REMOVE EXISTING BEAM OR RAFTER

EXIST ROOF FRAMING SCHEDULE	
MARK	DESCRIPTION*
R-1	4"x10" RAFTER (E)
R-2	2-2x10 RAFTER EXTENSION (E)
R-3	2-2x RAFTERS WITH COLLAR BEAM (E)
F-1	2"x12" FASCIA (E)
F-2	2x10 FASCIA (E)
F-3	2"x6" FASCIA (E)
F-4	2x FASCIA (E)
B-1	8"x8" BEAM (E)
B-2	8"x8" BEAM w/ FULL 2x REPAIR (E)
B-3	6"x6" BEAM (E)
B-4	4"x10" BEAM (E)
T-1	6"x GABLE TRUSS (E)
T-2	6"x GABLE TRUSS (E) w/ FULL 2x REPAIR (E)
P-1	4"x4" PURLIN (E)
P-2	2x4 PURLINS (UPRIGHT)
* 4"x10" INDICATES ACTUAL DIMENSION 4x10 INDICATES NOMINAL DIMENSION	

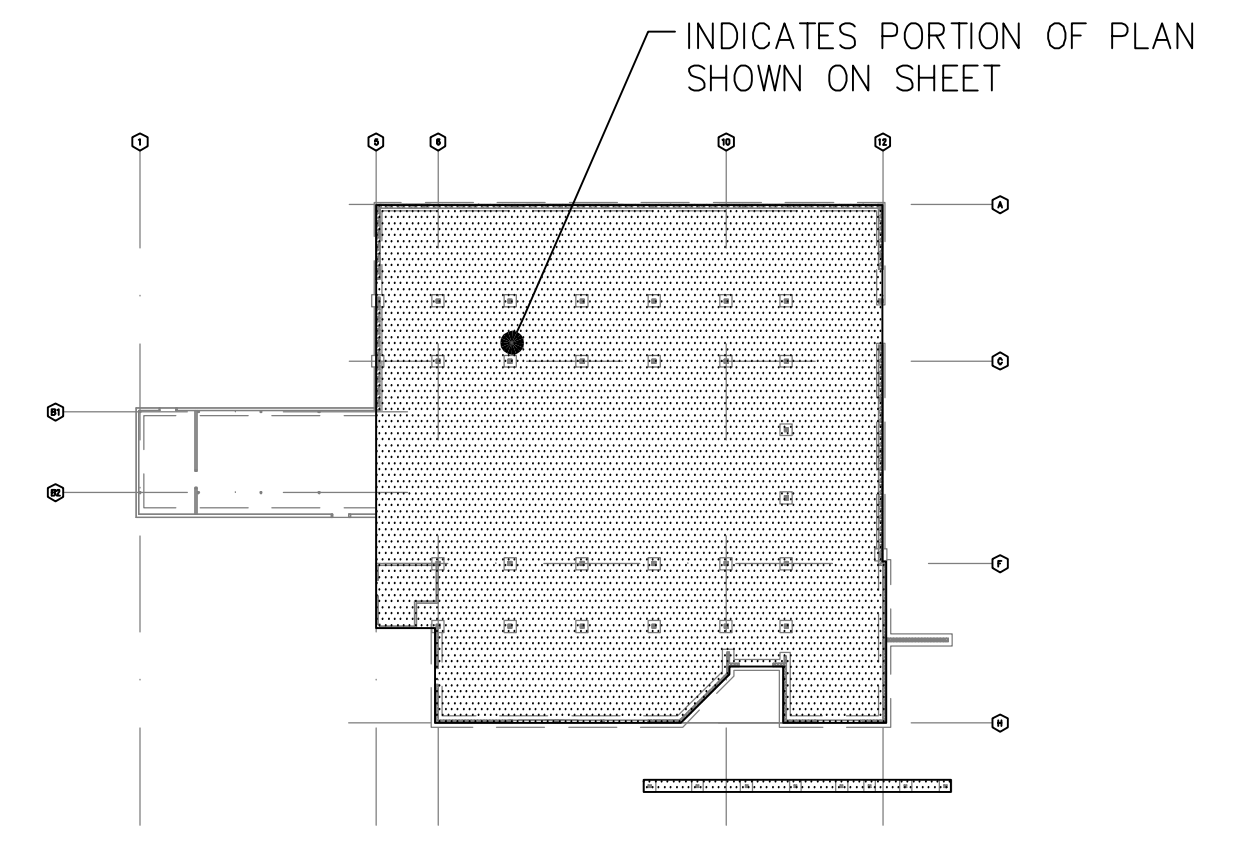
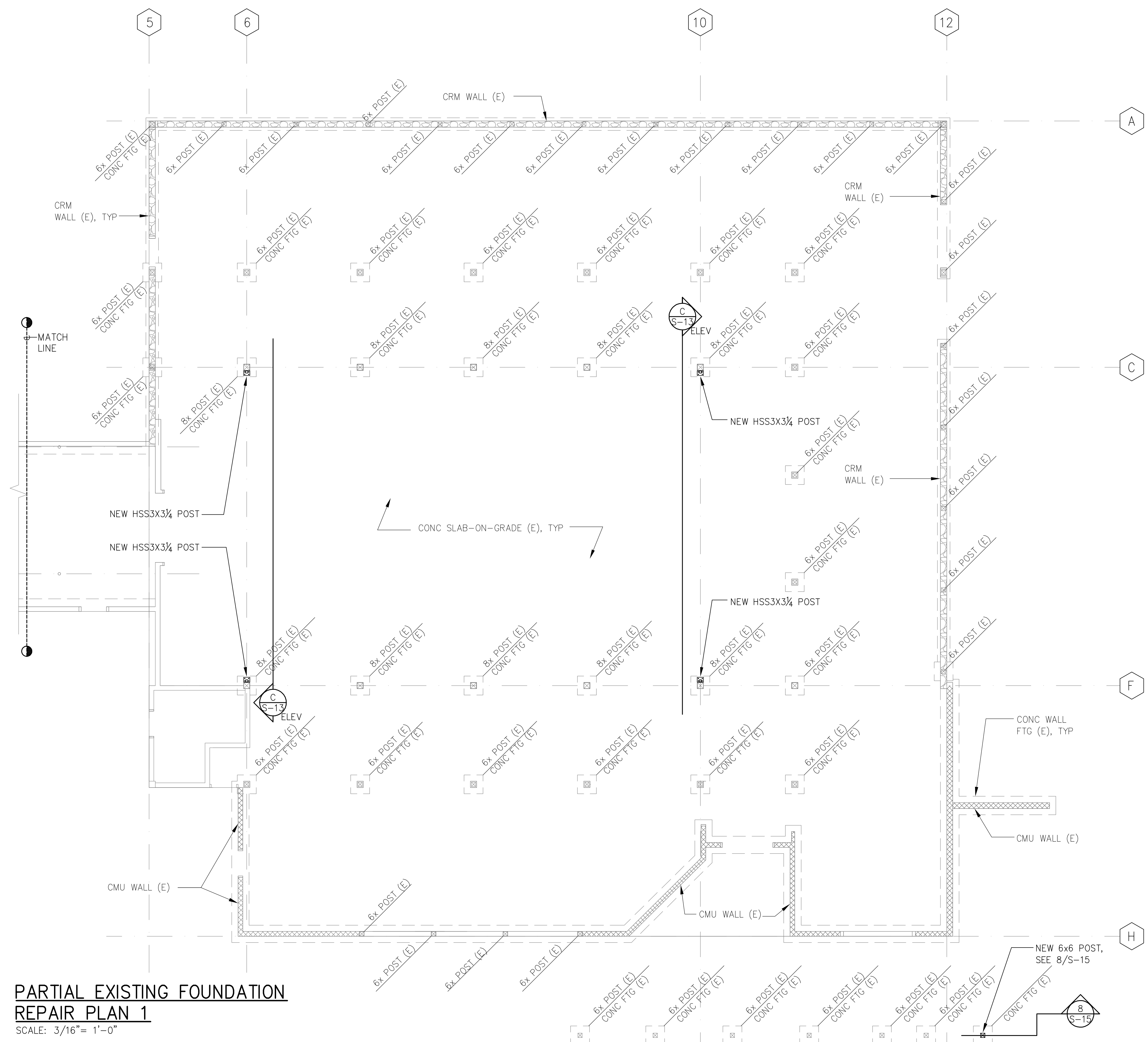
NOTE:

- CEILING FRAMING (E) NOT SHOWN FOR CLARITY.
- SEE VARIABLE QUANTITY GENERAL NOTES ON SHEET S-1



KEY PLAN
NOT TO SCALE

REVISION NO.	SYM.	DESCRIPTION	SHT./OF	DATE	APPROVED
STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION					
HEEIA STATE PARK IMPROVEMENTS TO BANQUET HALL BUILDING					
PATIAL EXISTING ROOF FRAMING DEMOLITION PLAN 2					
DESIGNED: RI			SUBMITTED:		
DRAWN: IB			DATE: AUGUST 2016		
CHECKED: RI			SCALE: AS SHOWN		
APPROVED: Ron E. Iwamoto CHIEF ENGINEER			DRAWING NO. S-5		

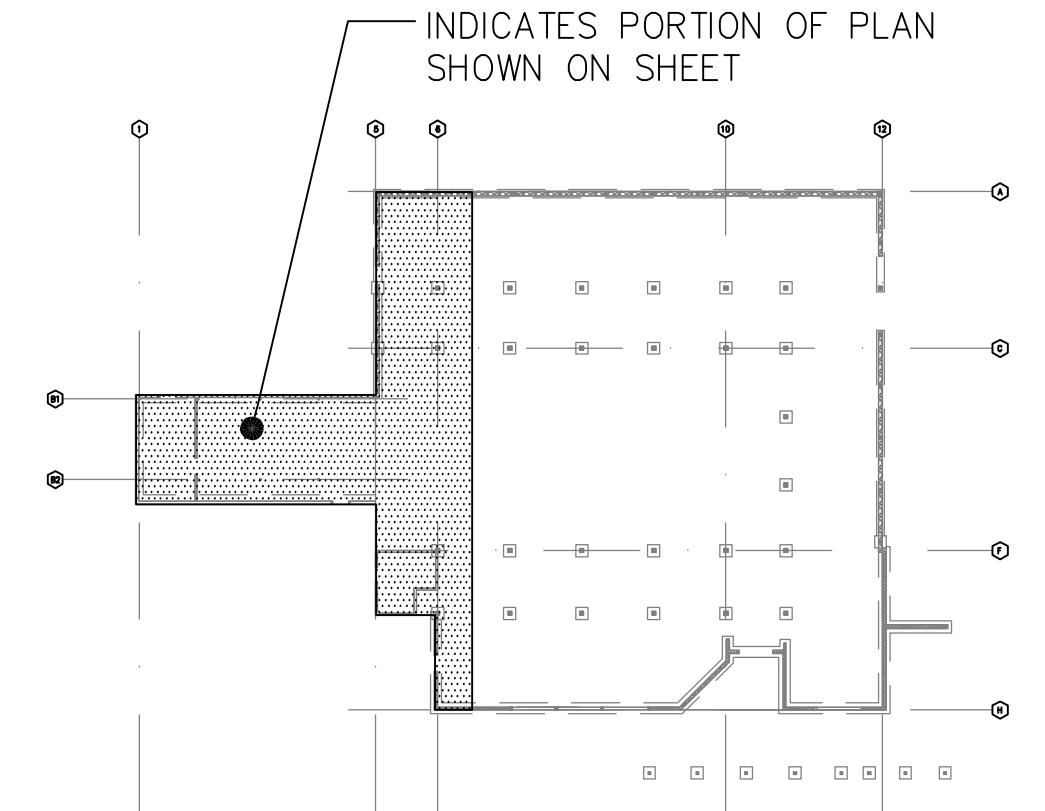
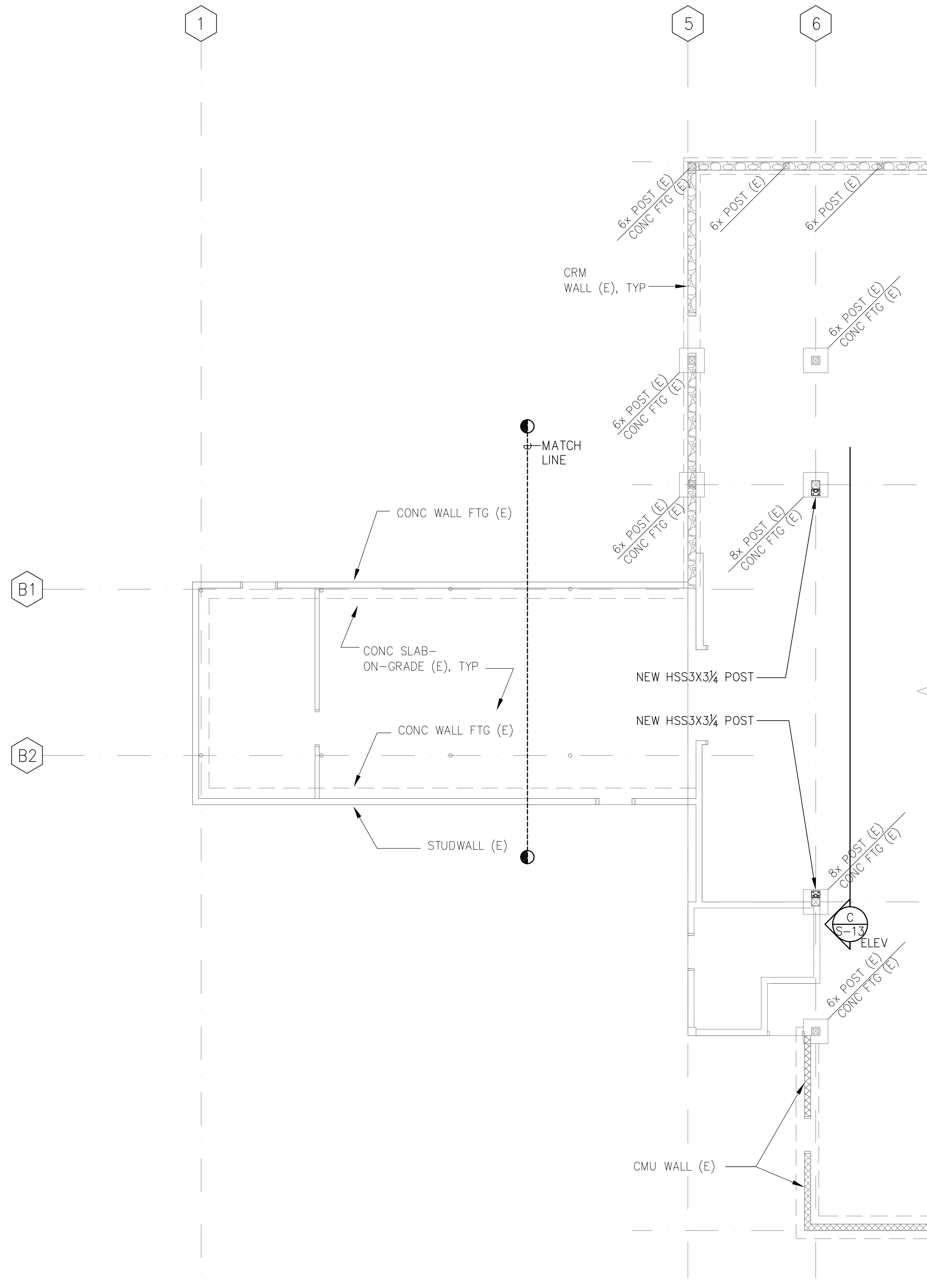


KEY PLAN
NOT TO SCALE

- LEGEND:**
- INDICATES EXISTING STUDWALL
 - INDICATES EXISTING FULL HEIGHT CMU WALL
 - INDICATES EXISTING CRM WALL

**PARTIAL EXISTING FOUNDATION
REPAIR PLAN 1**
SCALE: 3/16" = 1'-0"

REVISION NO.	SYM.	DESCRIPTION	SHT./OF	DATE	APPROVED
<div><div><p>THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION</p><p>Expiration date of License: 4/30/18</p></div><div><p>DESIGNED: RI</p><p>DRAWN: IB</p><p>CHECKED: RI</p><p>APPROVED: Carty Chang E-signed 2016-08-17 03:03PM HST carty.s.chang@hawaii.gov</p><p>CHIEF ENGINEER</p></div></div>					
<div><div><p>STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION</p><p>HEEIA STATE PARK IMPROVEMENTS TO BANQUET HALL BUILDING</p><p>PARTIAL EXISTING FOUNDATION REPAIR PLAN 1</p></div><div><p>DATE: AUGUST 2016</p><p>SCALE: AS SHOWN</p><p>DRAWING NO. S-6</p></div></div>					



KEY PLAN
NOT TO SCALE

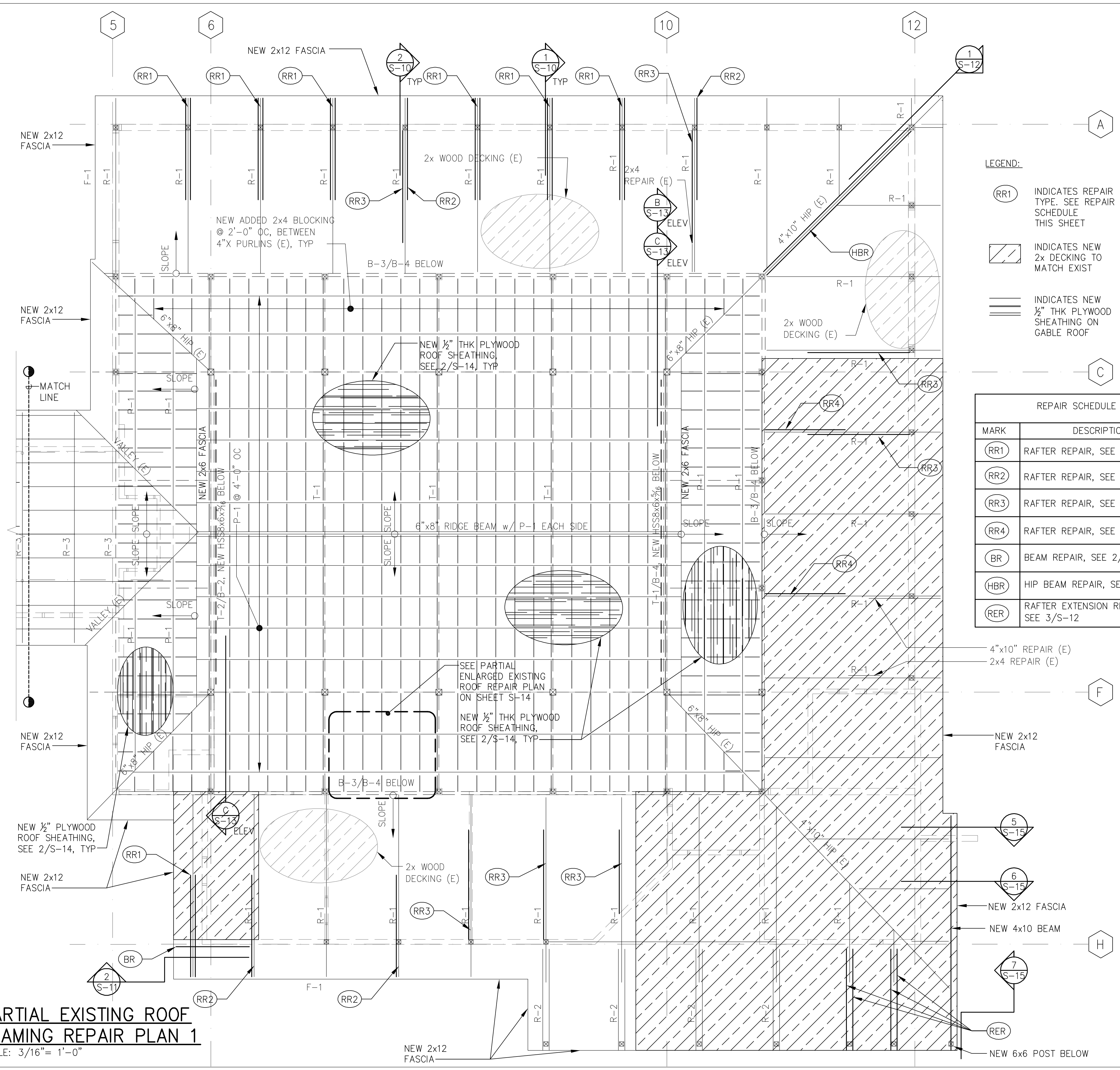
LEGEND:

- INDICATES EXISTING STUDWALL
- INDICATES EXISTING FULL HEIGHT CMU WALL
- INDICATES EXISTING CRM WALL

PARTIAL EXISTING FOUNDATION
REPAIR PLAN 2

SCALE: 3/16" = 1'-0"

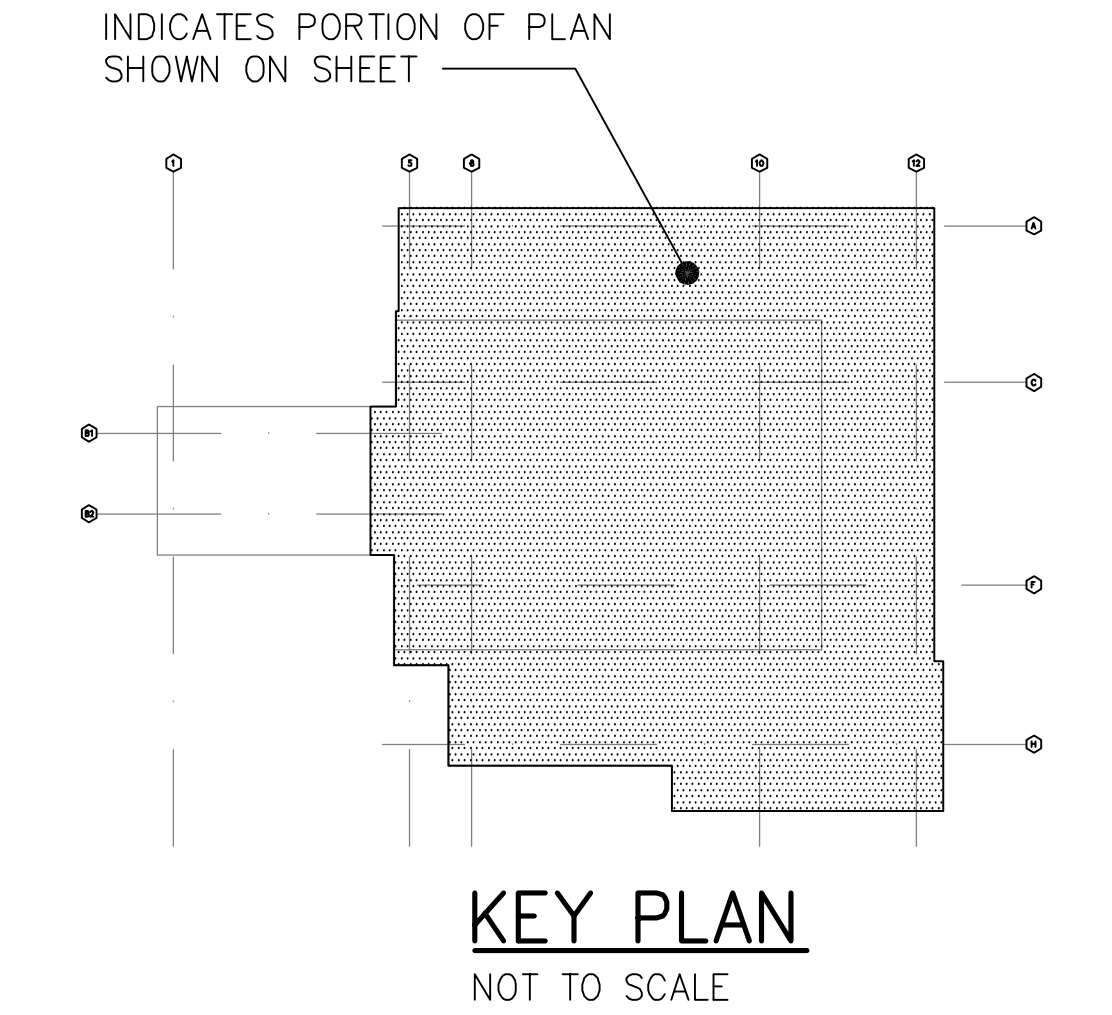
REVISION NO.	SYM.	DESCRIPTION	SHT./OF	DATE	APPROVED
STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION					
HEEIA STATE PARK IMPROVEMENTS TO BANQUET HALL BUILDING					
PARTIAL EXISTING FOUNDATION REPAIR PLAN 2					
DESIGNED: RI		SUBMITTED:			
DRAWN: IB		DATE:		AUGUST 2016	
CHECKED: RI		SCALE:		AS SHOWN	
APPROVED:		Carty Chang E-signed 2016-08-17 03:03PM HST carty.s.chang@hawaii.gov		DRAWING NO. S-7	
CHIEF ENGINEER					



PARTIAL EXISTING ROOF FRAMING REPAIR PLAN 1
SCALE: 3/16" = 1'-0"

- LEGEND:
- RR1 INDICATES REPAIR TYPE. SEE REPAIR SCHEDULE THIS SHEET
 - INDICATES NEW 2x DECKING TO MATCH EXIST
 - INDICATES NEW 1/2" THK PLYWOOD SHEATHING ON GABLE ROOF

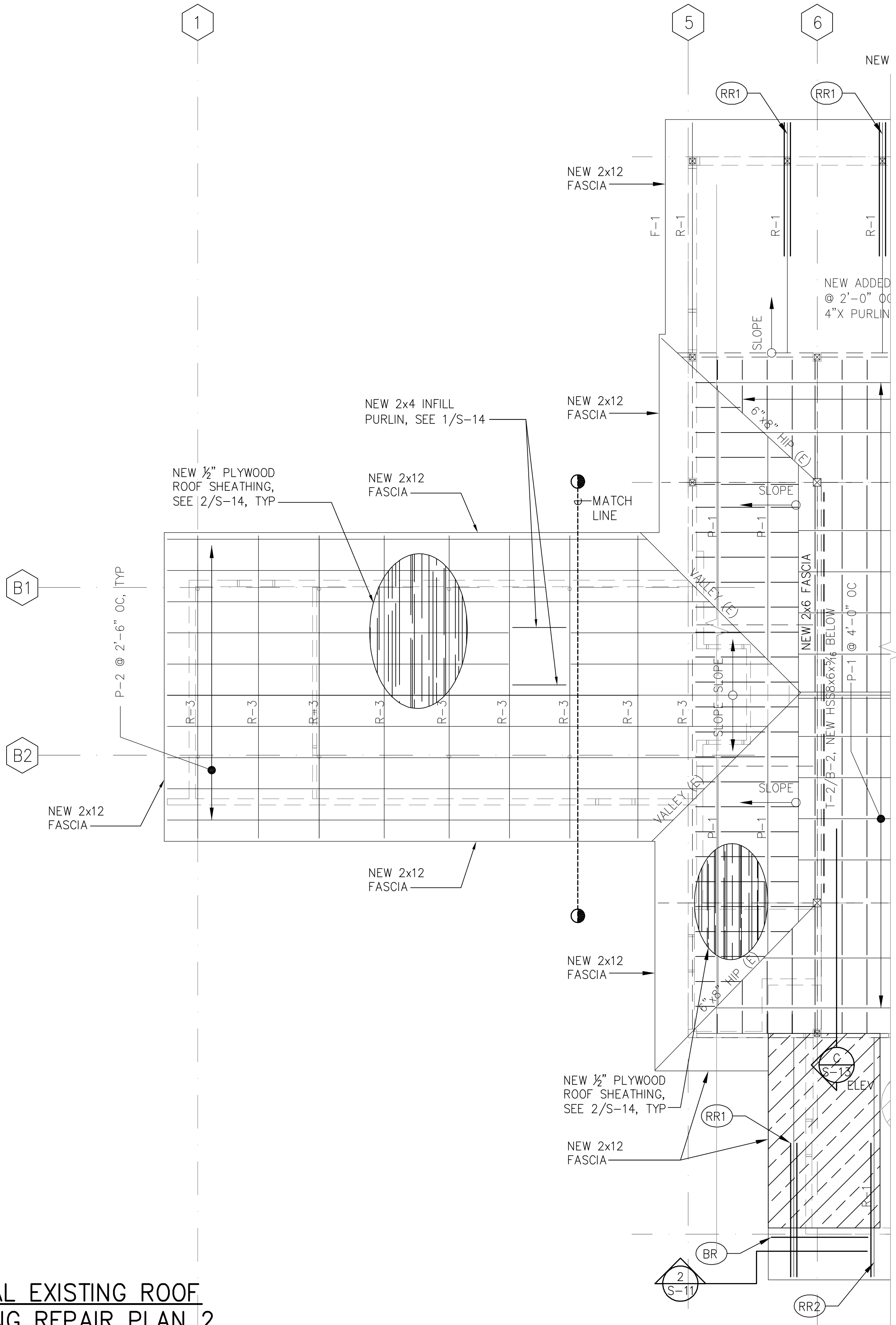
REPAIR SCHEDULE	
MARK	DESCRIPTION
RR1	RAFTER REPAIR, SEE 1/S-10
RR2	RAFTER REPAIR, SEE 1/S-10
RR3	RAFTER REPAIR, SEE 2/S-10
RR4	RAFTER REPAIR, SEE 1/S-11
BR	BEAM REPAIR, SEE 2/S-11
HBR	HIP BEAM REPAIR, SEE 1/S-12
RER	RAFTER EXTENSION REPAIR. SEE 3/S-12



EXIST ROOF FRAMING SCHEDULE	
MARK	DESCRIPTION*
R-1	4"x10" RAFTER (E)
R-2	2-2x10 RAFTER EXTENSION (E)
R-3	2-2x RAFTERS WITH COLLAR BEAM (E)
F-1	2"x12" FASCIA (E)
F-2	2x10 FASCIA (E)
F-3	2"x6" FASCIA (E)
F-4	2x FASCIA (E)
B-1	8"x8" BEAM (E)
B-2	8"x8" BEAM w/ FULL 2x REPAIR (E)
B-3	6"x6" BEAM (E)
B-4	4"x10" BEAM (E)
T-1	6"x GABLE TRUSS (E)
T-2	6"x GABLE TRUSS (E) w/ FULL 2x REPAIR (E)
P-1	4"x4" PURLIN (E)
P-2	2x4 PURLINS (UPRIGHT)
* 4"x10" INDICATES ACTUAL DIMENSION 4x10 INDICATES NOMINAL DIMENSION	

NOTE:
1. CEILING FRAMING (E) NOT SHOWN FOR CLARITY.
2. RETROFIT ALL EXISTING 4x PURLINS, SEE 3/S-14

REVISION NO.	SYM.	DESCRIPTION	SHT./OF	DATE	APPROVED
<div>STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION</div> <div>HEEIA STATE PARK IMPROVEMENTS TO BANQUET HALL BUILDING</div> <div>PARTIAL EXISTING ROOF FRAMING REPAIR PLAN 1</div>					
DESIGNED: RI		SUBMITTED:			
DRAWN: IB		DATE:		AUGUST 2016	
CHECKED: RI		SCALE:		AS SHOWN	
APPROVED:		Carty Chang E-signed 2016-08-17 03:03PM HST carty.s.chang@hawaii.gov		DRAWING NO. S-8	
CHIEF ENGINEER					



PARTIAL EXISTING ROOF
FRAMING REPAIR PLAN 2

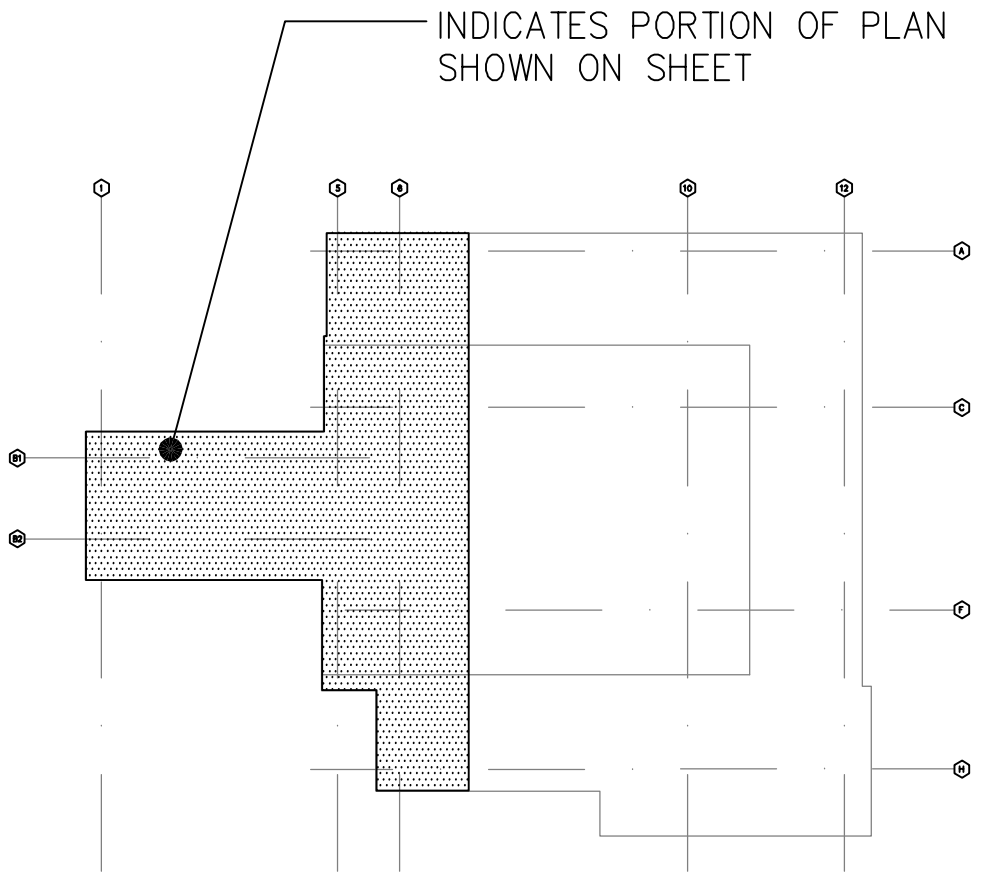
SCALE: 3/16"= 1'-0"

EXIST ROOF FRAMING SCHEDULE	
MARK	DESCRIPTION*
R-1	4"x10" RAFTER (E)
R-2	2-2x10 RAFTER EXTENSION (E)
R-3	2-2x RAFTERS WITH COLLAR BEAM (E)
F-1	2"x12" FASCIA (E)
F-2	2x10 FASCIA (E)
F-3	2"x6" FASCIA (E)
F-4	2x FASCIA (E)
B-1	8"x8" BEAM (E)
B-2	8"x8" BEAM w/ FULL 2x REPAIR (E)
B-3	6"x6" BEAM (E)
B-4	4"x10" BEAM (E)
T-1	6"x GABLE TRUSS (E)
T-2	6"x GABLE TRUSS (E) w/ FULL 2x REPAIR (E)
P-1	4"x4" PURLIN (E)
P-2	2x4 PURLINS (UPRIGHT)
* 4"x10" INDICATES ACTUAL DIMENSION 4x10 INDICATES NOMINAL DIMENSION	

REPAIR SCHEDULE	
MARK	DESCRIPTION
(RR1)	RAFTER REPAIR, SEE 1/S-10
(RR2)	RAFTER REPAIR, SEE 1/S-10
(RR3)	RAFTER REPAIR, SEE 2/S-10
(RR4)	RAFTER REPAIR, SEE 1/S-11
(BR)	BEAM REPAIR, SEE 2/S-11
(HBR)	HIP BEAM REPAIR, SEE 1/S-12
(RER)	RAFTER EXTENSION REPAIR. SEE 3/S-12

NOTE:

1. CEILING FRAMING (E) NOT SHOWN FOR CLARITY.
2. RETROFIT ALL EXISTING 4x PURLINS, SEE 3/S-14

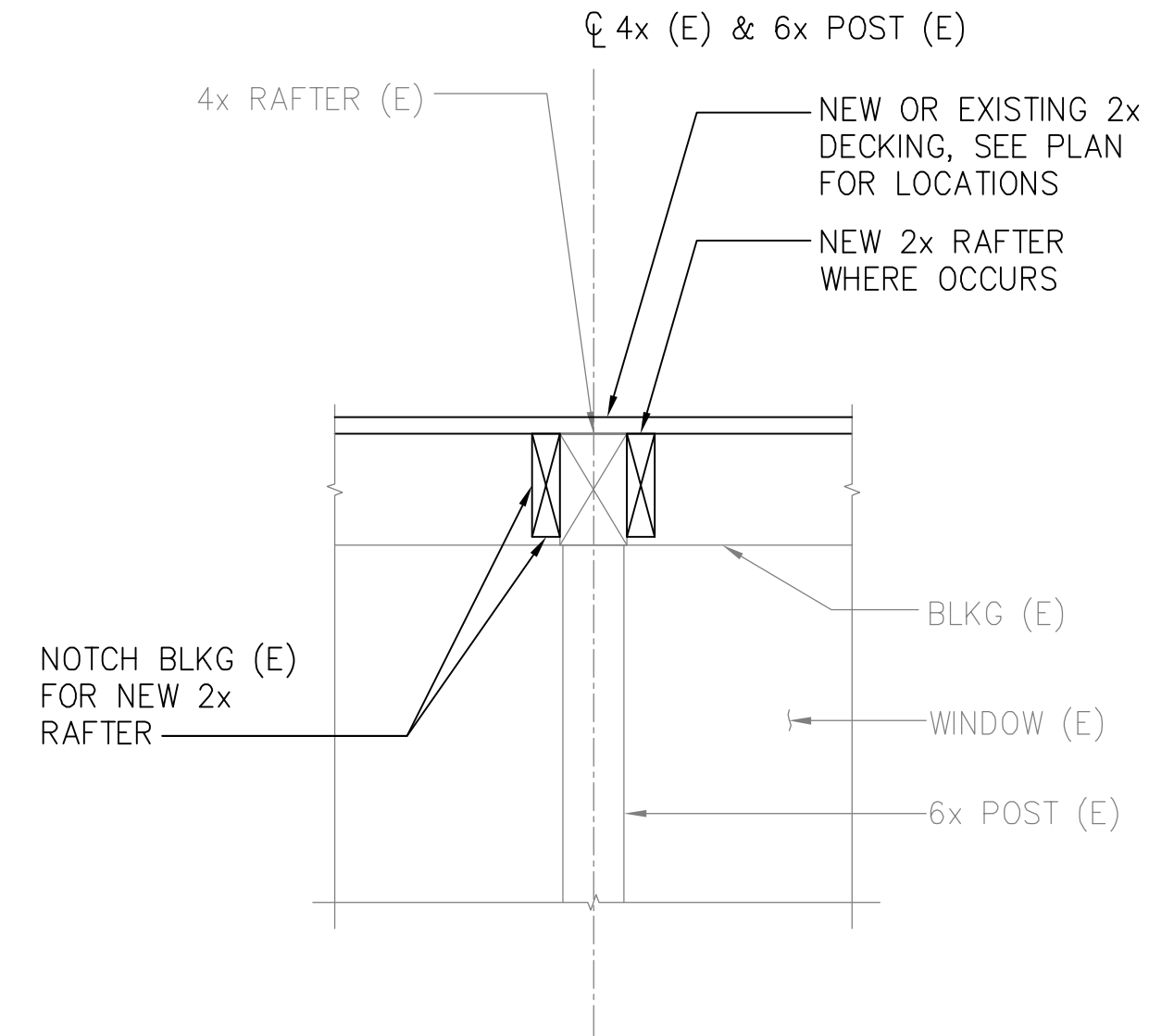


KEY PLAN

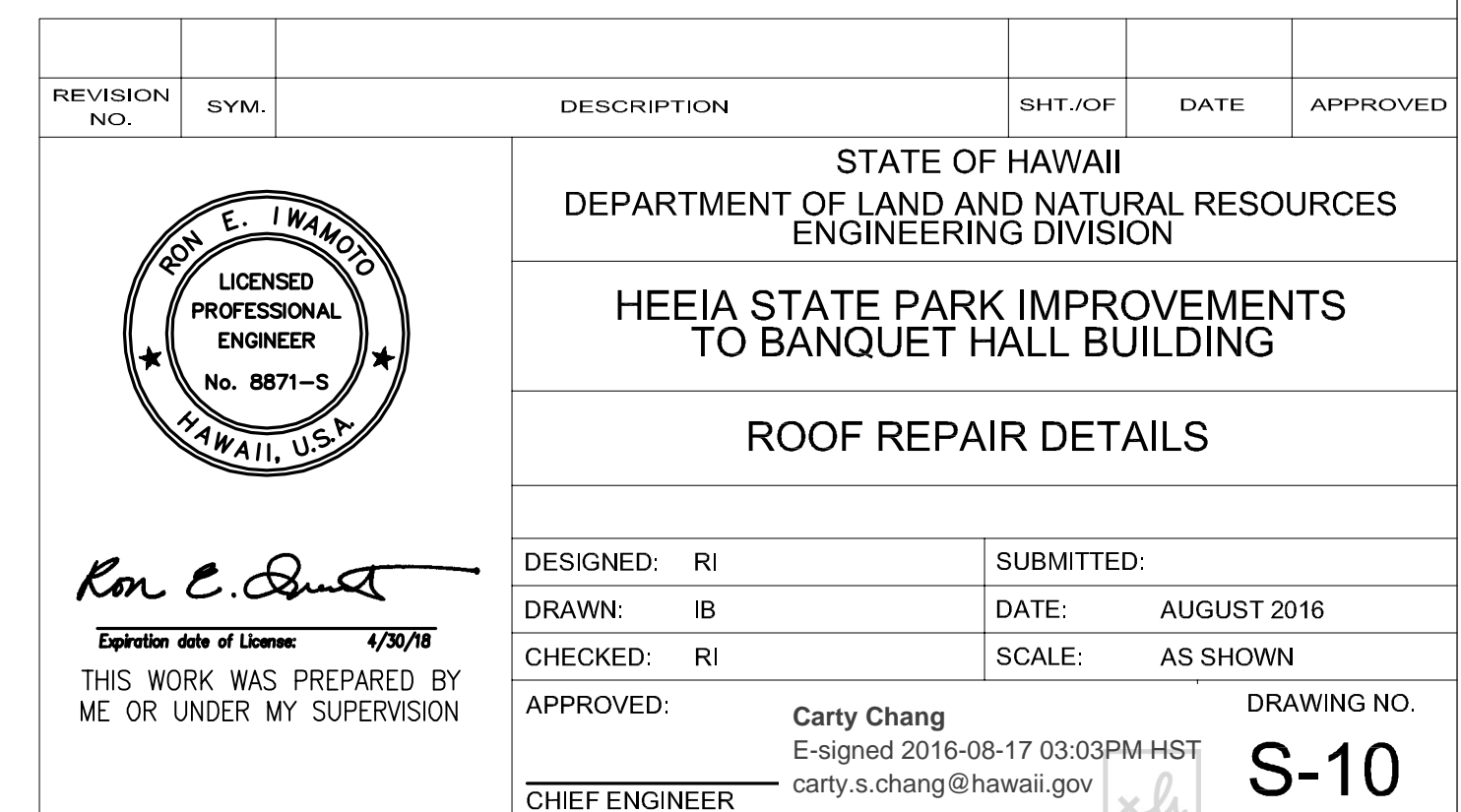
NOT TO SCALE

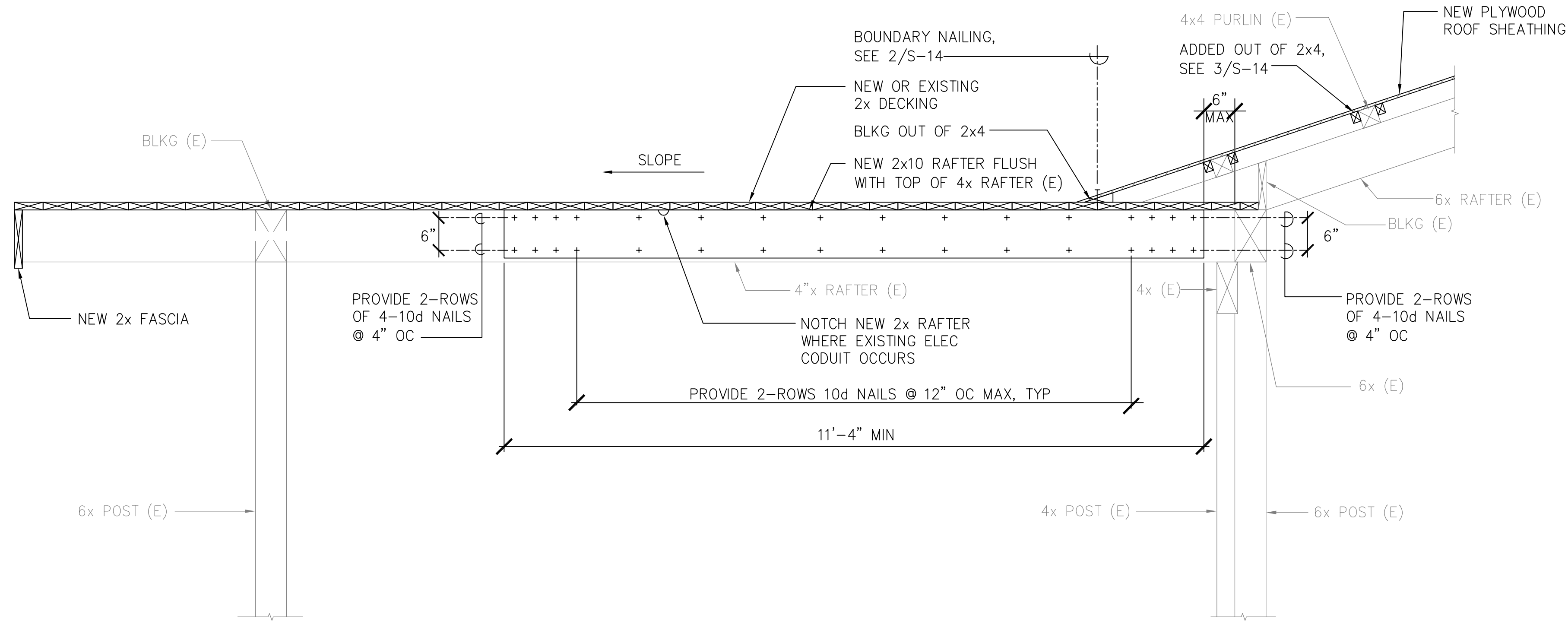
- LEGEND:
- (RR1) INDICATES REPAIR TYPE. SEE REPAIR SCHEDULE THIS SHEET
 - INDICATES NEW 2x DECKING TO MATCH EXIST
 - INDICATES NEW 1/2" THK PLYWOOD SHEATHING ON GABLE ROOF

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HEEIA STATE PARK IMPROVEMENTS TO BANQUET HALL BUILDING					
PARTIAL EXISTING ROOF FRAMING REPAIR PLAN 2					
DESIGNED: RI		SUBMITTED:			
DRAWN: IB		DATE: AUGUST 2016			
CHECKED: RI		SCALE: AS SHOWN			
APPROVED:		Carty Chang E-signed 2016-08-17 03:03PM HST carty.s.chang@hawaii.gov		DRAWING NO. S-9	
CHIEF ENGINEER					



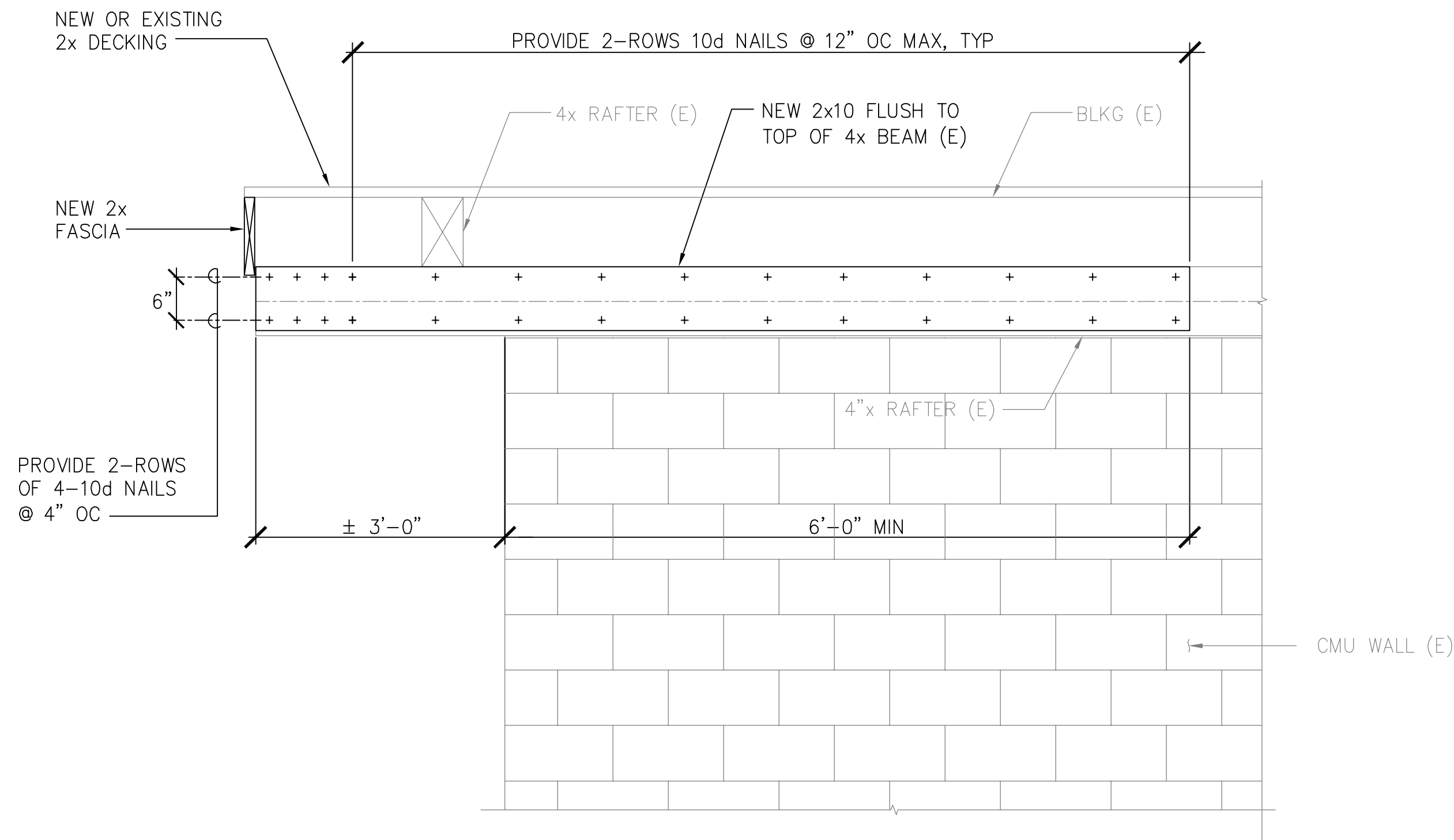
3 SECTION
S-10 SCALE: 3/4" = 1'-0"





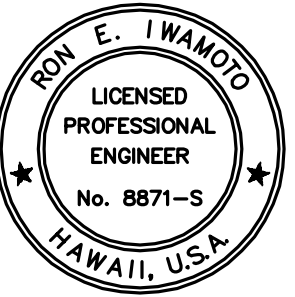
1 RAFTER REPAIR: RR4

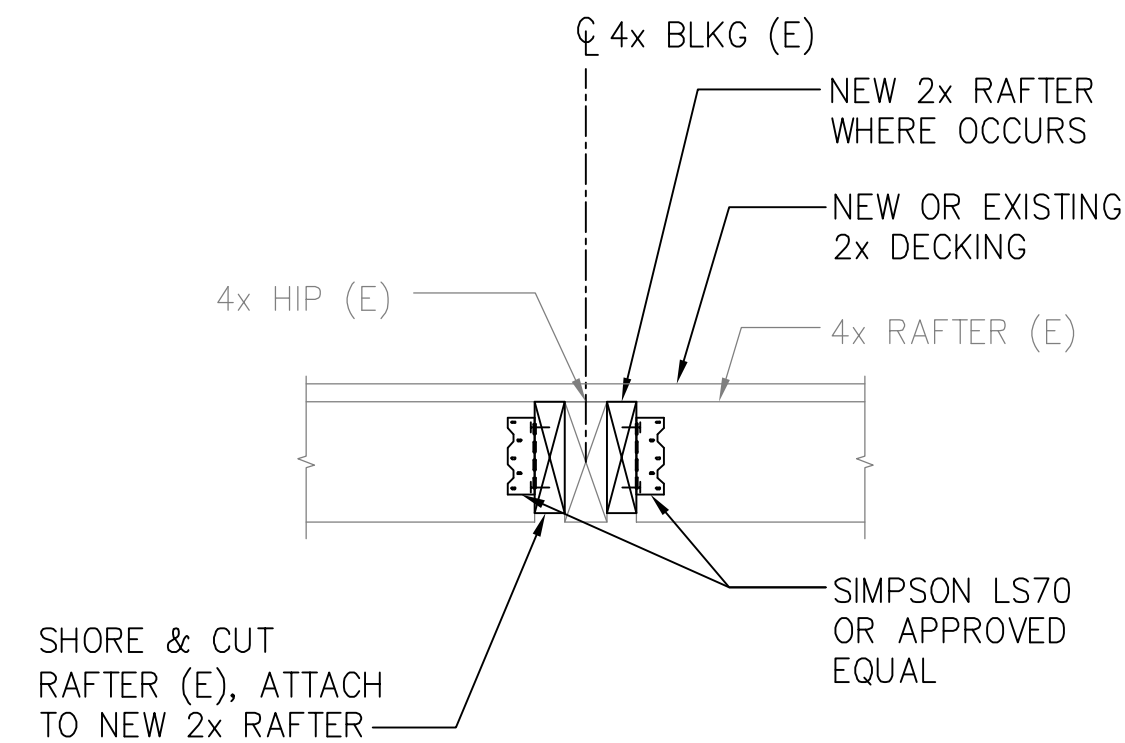
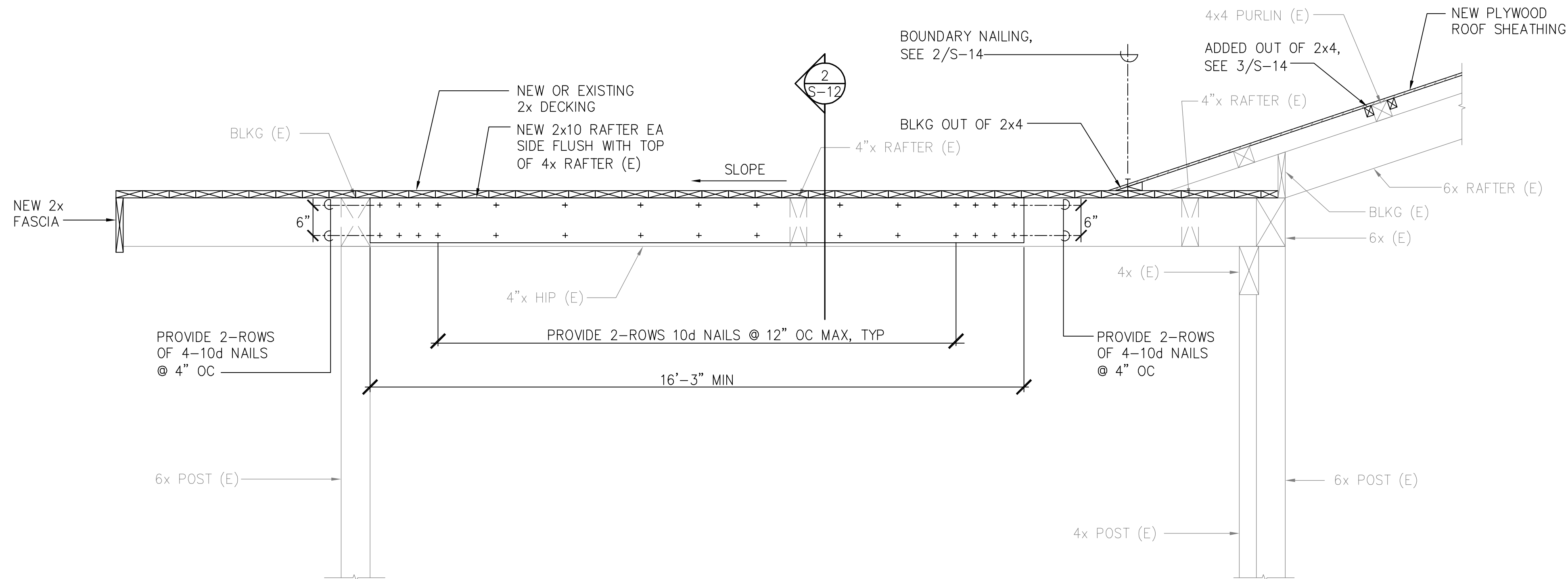
SCALE: 3/4" = 1'-0"



2 BEAM REPAIR: BR

SCALE: 3/4" = 1'-0"

REVISION NO.	SYM.	DESCRIPTION	SHT./OF	DATE	APPROVED
STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION					
HEEIA STATE PARK IMPROVEMENTS TO BANQUET HALL BUILDING					
ROOF REPAIR DETAILS					
			DESIGNED: RI DRAWN: IB CHECKED: RI APPROVED: Carty Chang <small>E-signed 2016-08-17 03:03PM HST carty.s.chang@hawaii.gov</small> CHIEF ENGINEER		
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION			SUBMITTED: DATE: AUGUST 2016 SCALE: AS SHOWN DRAWING NO. S-11		

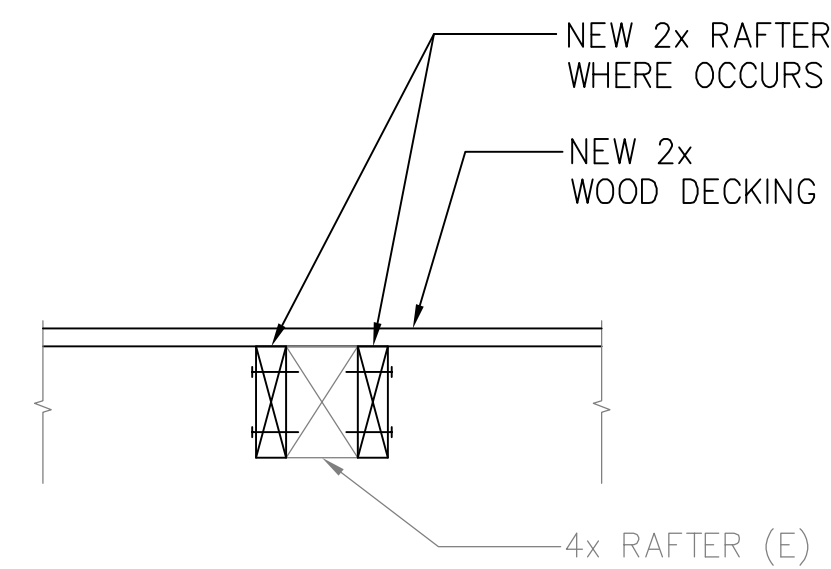
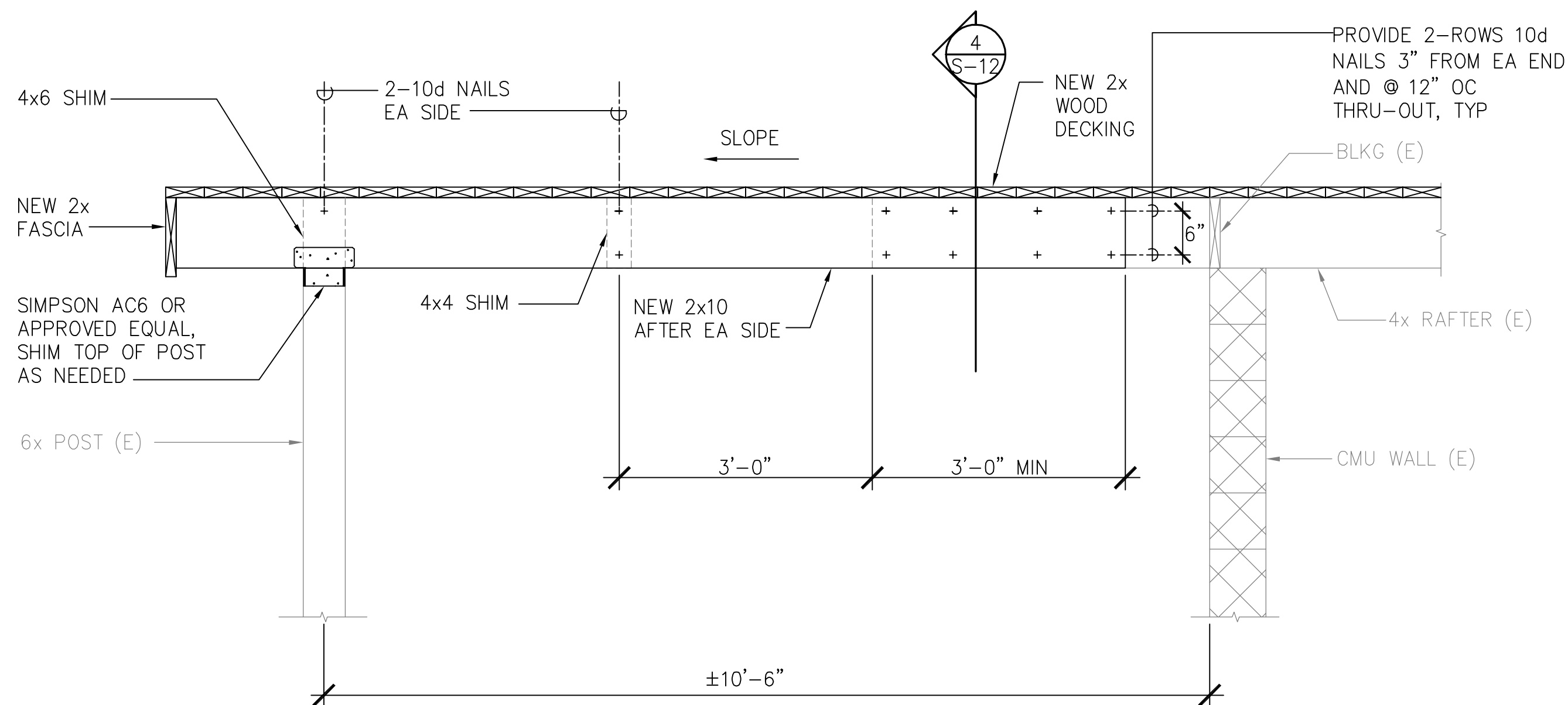


1 HIP BEAM REPAIR: HBR

SCALE: 3/4" = 1'-0"

2 SECTION

SCALE: 3/4" = 1'-0"



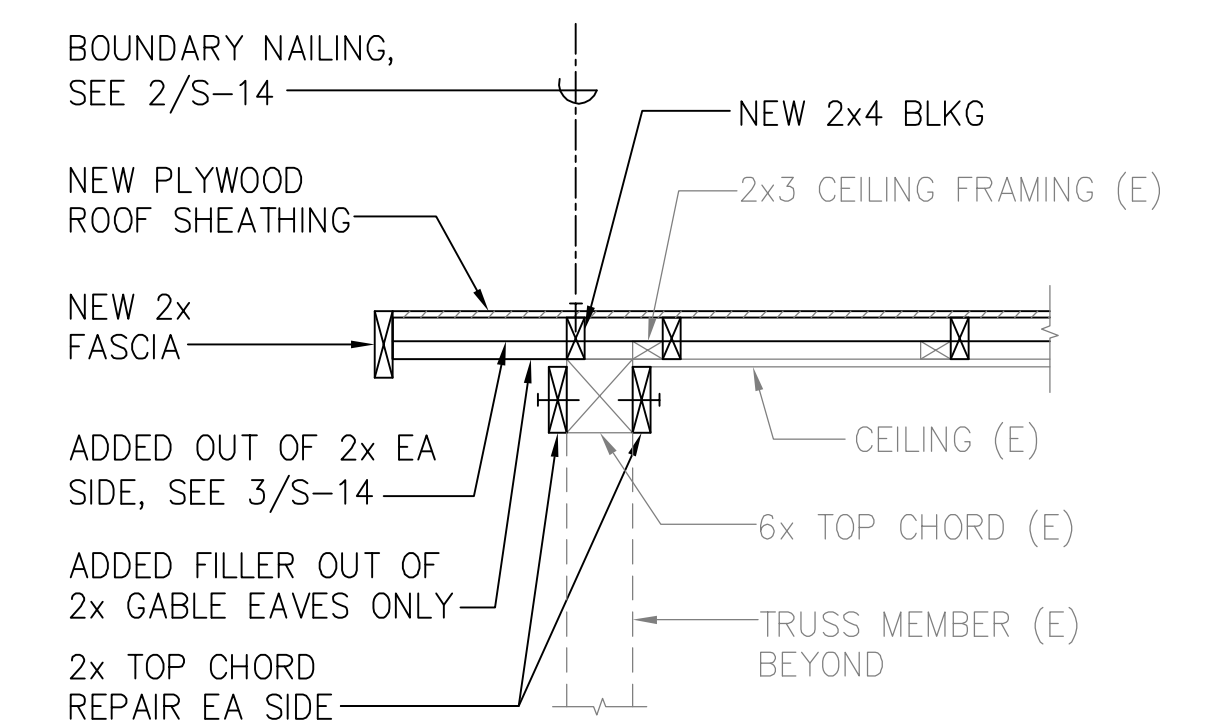
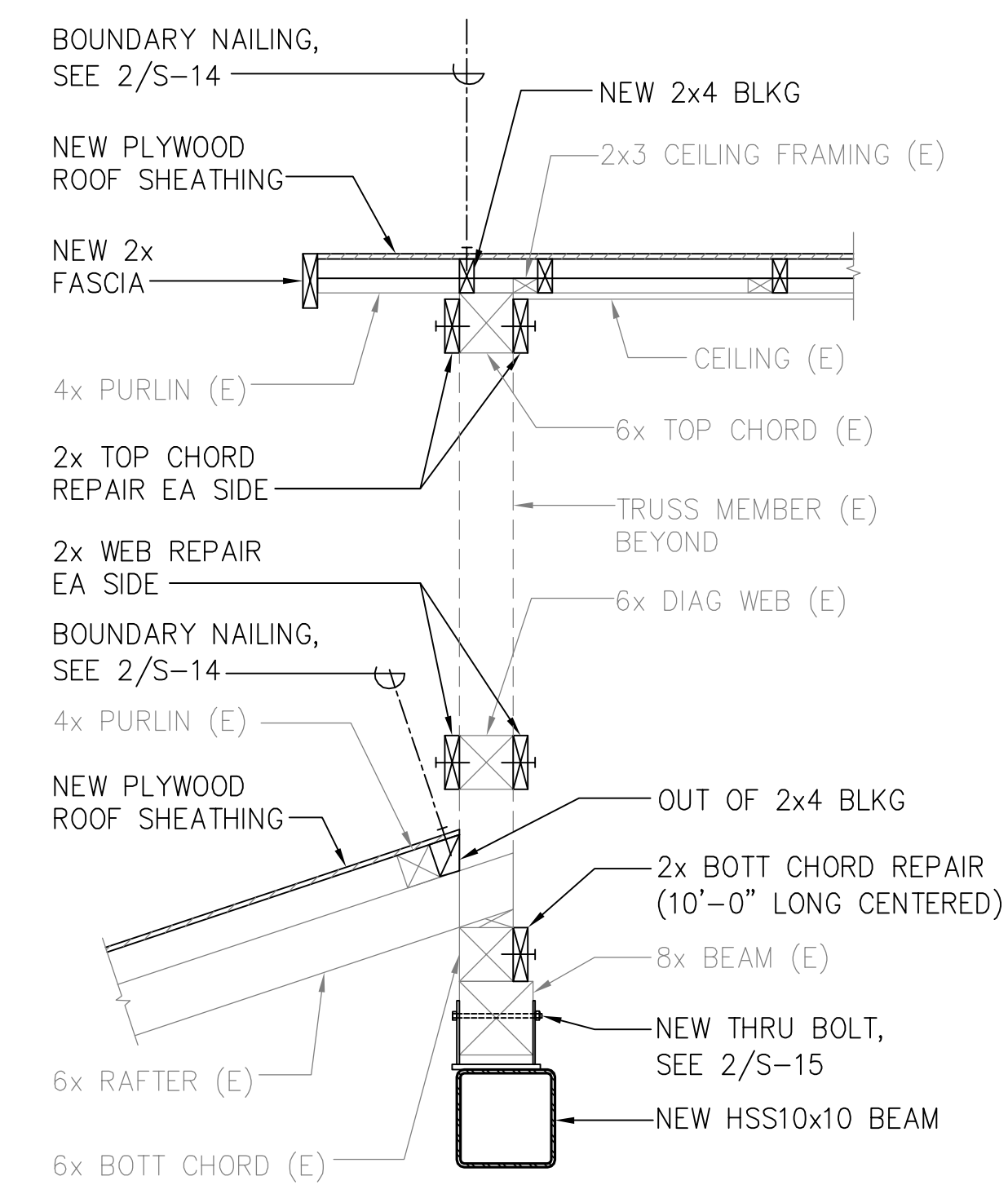
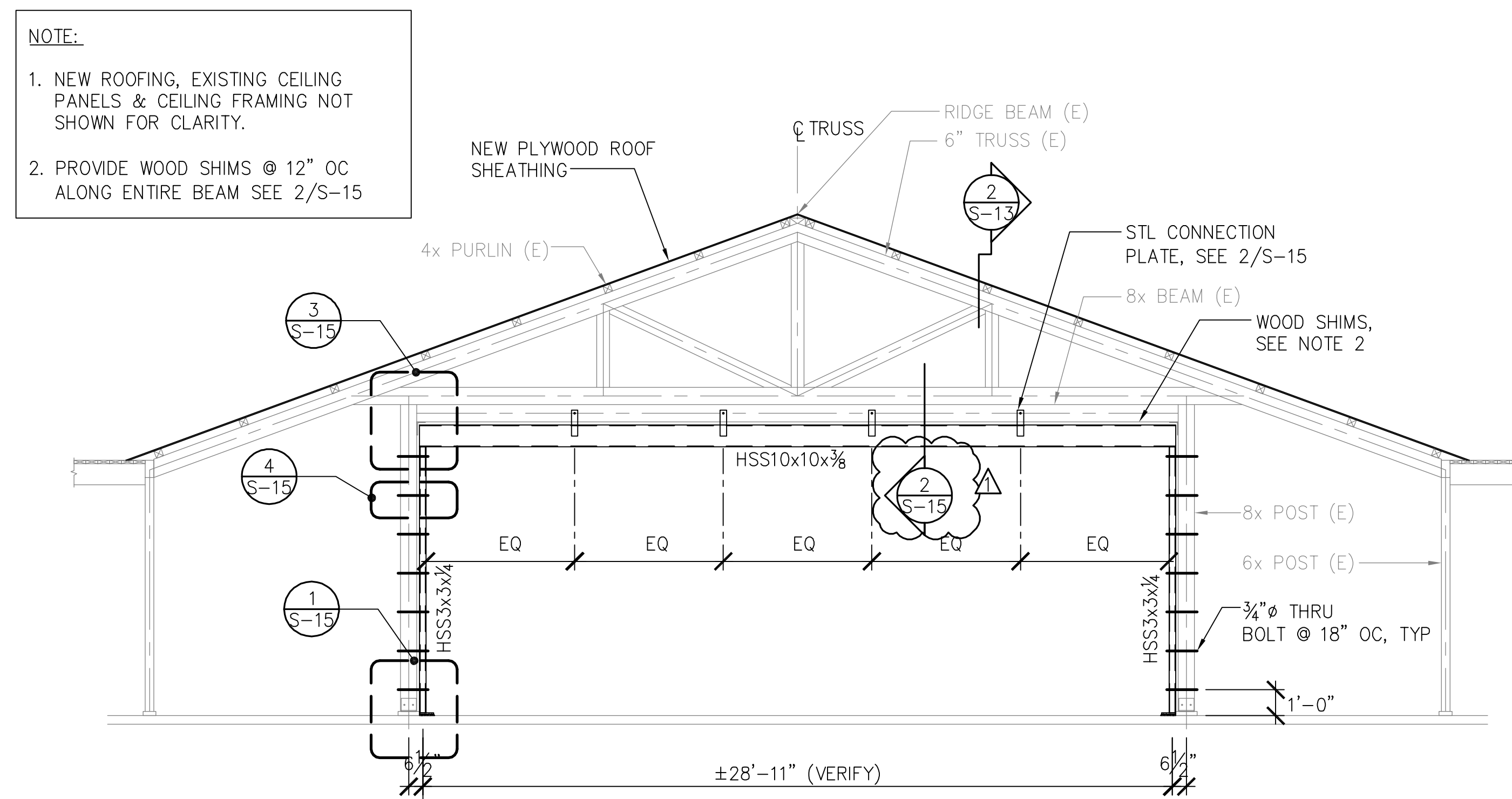
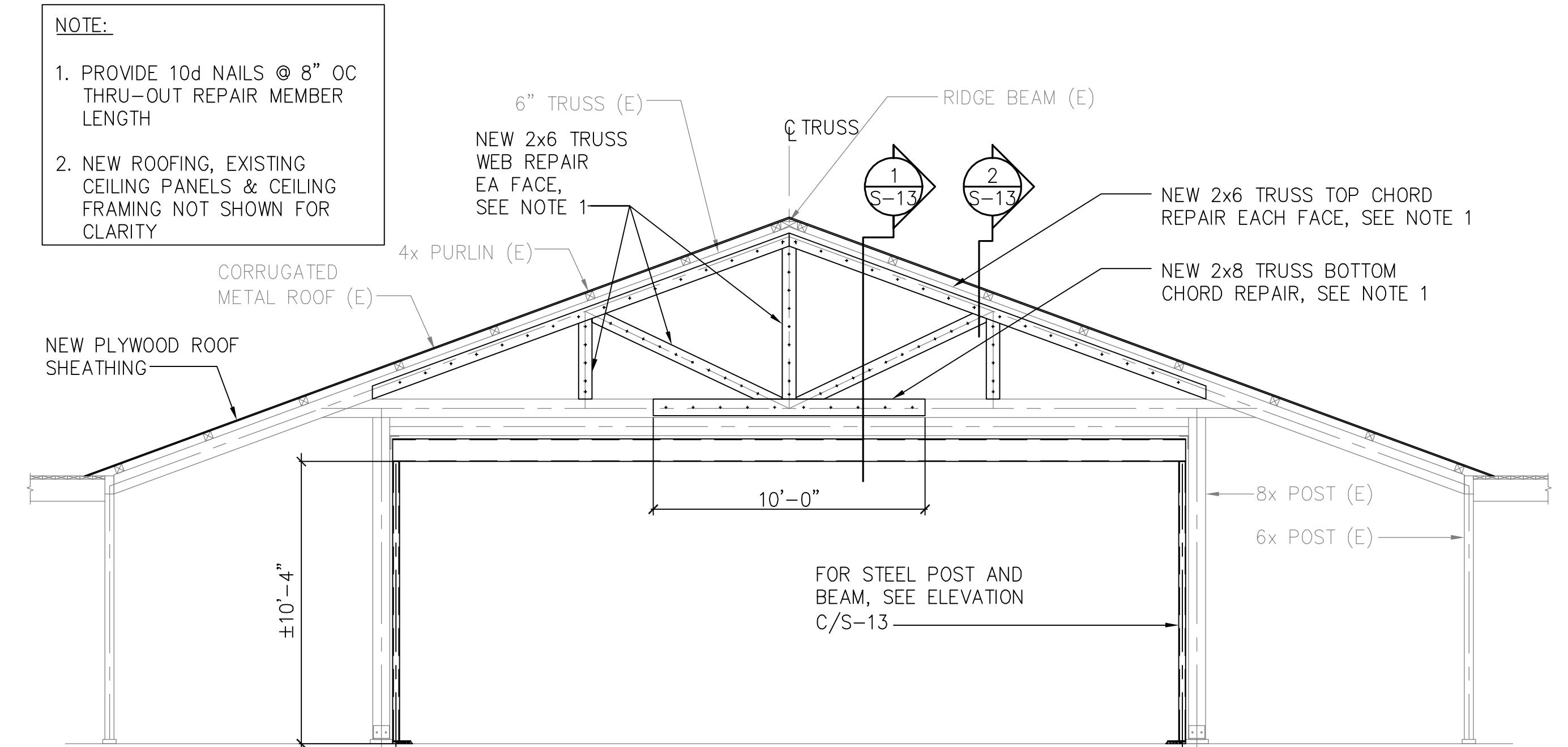
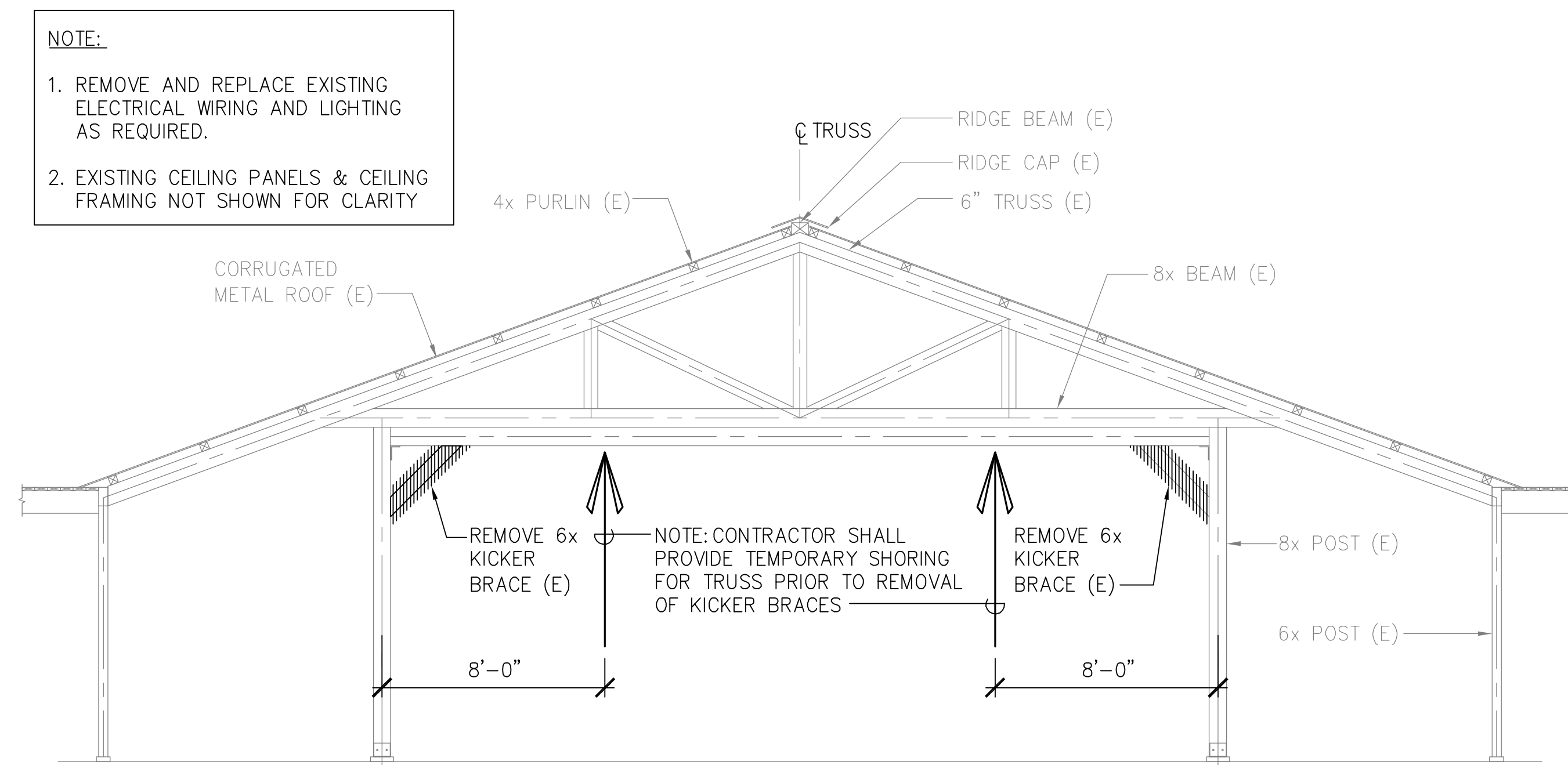
3 RAFTER EXTENSION REPAIR: RER

SCALE: 3/4" = 1'-0"

4 SECTION

SCALE: 3/4" = 1'-0"

REVISION NO.	SYM.	DESCRIPTION	SHT./OF	DATE	APPROVED								
<div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"> <p><i>Ron E. Iwamoto</i> Expiration date of License: 4/30/18 THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION</p> </div> <div style="width: 80%;"> <p style="text-align: center;">STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION</p> <p style="text-align: center;">HEEIA STATE PARK IMPROVEMENTS TO BANQUET HALL BUILDING</p> <p style="text-align: center;">ROOF REPAIR DETAILS</p> <table border="1" style="width: 100%;"> <tr> <td>DESIGNED: RI</td> <td>SUBMITTED:</td> </tr> <tr> <td>DRAWN: IB</td> <td>DATE: AUGUST 2016</td> </tr> <tr> <td>CHECKED: RI</td> <td>SCALE: AS SHOWN</td> </tr> <tr> <td>APPROVED: <i>Carty Chang</i> E-signed 2016-08-17 03:03PM HST carty.s.chang@hawaii.gov CHIEF ENGINEER</td> <td>DRAWING NO. S-12</td> </tr> </table> </div> </div>						DESIGNED: RI	SUBMITTED:	DRAWN: IB	DATE: AUGUST 2016	CHECKED: RI	SCALE: AS SHOWN	APPROVED: <i>Carty Chang</i> E-signed 2016-08-17 03:03PM HST carty.s.chang@hawaii.gov CHIEF ENGINEER	DRAWING NO. S-12
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DRAWN: IB	DATE: AUGUST 2016												
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APPROVED: <i>Carty Chang</i> E-signed 2016-08-17 03:03PM HST carty.s.chang@hawaii.gov CHIEF ENGINEER	DRAWING NO. S-12												

[illegible]

NEW PLYWOOD ROOF SHEATHING AND EXISTING
CEILING PANELS NOT SHOWN FOR CLARITY



Diagram illustrating the nailing pattern for a roof deck assembly. The diagram shows a grid of panels with various nailing patterns indicated by lines and text labels:

- 3/8" EDGE MIN DISTANCE TYP NAILING AT PLYWOOD BLKG**: Indicated by a vertical line and text at the top left.
- FACE GRAIN OF PANEL LAID PERPENDICULAR TO FRAMING**: Indicated by a diagonal line and text at the top right.
- INTERMEDIATE NAILING**: Indicated by a horizontal line and text on the right side.
- NEW 2x BLKG**: Indicated by a horizontal line and text on the right side.
- BOUNDARY NAILING**: Indicated by a horizontal line and text on the right side.
- EDGE NAILING**: Indicated by a horizontal line and text on the right side.
- 4x PURLINS (E)**: Indicated by a diagonal line and text at the bottom center.

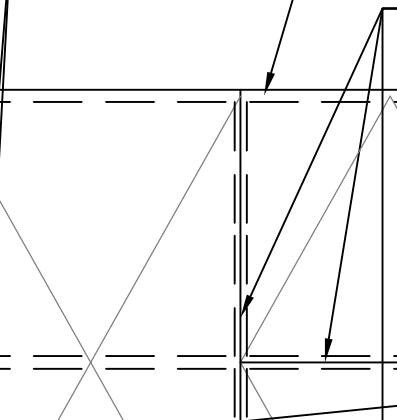


Diagram illustrating the installation details for Plywood Decking:

- INTERMEDIATE NAILING
- BOUNDARY NAILING
- EDGE NAILING
- 2x PURLINS (E)
- FACE GRAIN OF PANEL LAID PERPENDICULAR TO FRAMING
- BLOCK ALL EDGES, TYP w/ 2x BLKG
- 3/8" EDGE MIN DISTANCE TYP NAILING AT PLYWOOD PURLIN

SHEATHING NAILING			
TYPE	EDGE	BOUNDARIES	INTERMEDIATE
ROOF	8d AT 6"	8d AT 6"	8d AT 12"

SHEATHING NAILING			
TYPE	EDGE	BOUNDARIES	INTERMEDIATE
ROOF	8d AT 6"	8d AT 6"	8d AT 12"

2 PLYWOOD ROOF SHEATHING NAILING

2x BLKG (E)

NEW PLYWOOD ROOF SHEATHING

2x PURLIN (E)

NEW 2x4 INFILL PURLIN

2x RAFTER (E)

SIMPSON A34 OR APPROVED EQUAL, EA END

2x BLKG (E)

2x PURLIN (E)

2x RAFTER (E)

1 INFILL PURLIN DETAIL

10d NAILS EA SIDE, SEE 5/S-14

PLYWOOD ROOF SHEATHING

ADDED OUT OF 2x4, EA SIDE, CONT

SIMPSON A21 OR APPROVED EQUAL, EA SIDE, EA END, TYP

2x (E)

4x PURLIN (E)

NEW 2x BLKG

3 DETAIL

Diagram illustrating the nail placement and dimensions for a roof deck assembly, showing two sections separated by a centerline (CL).

Top Section (Left):

- Support (CL) on the left.
- End distance: 1" MIN, 2" MAX.
- Roof Deck (E) with 4x PURLIN (E) indicated.
- Dimensions: L/4, L/2, L/4.
- Nail placement: 10d NAILS @ 4" O.C., EA SIDE.

Top Section (Right):

- Support (CL) on the right.
- End distance: 1" MIN, 2" MAX.
- Roof Deck (E) with 4x PURLIN (E) indicated.
- Dimensions: L/4, L/2, L/4.
- Nail placement: 10d NAILS @ 4" O.C., EA SIDE.

Bottom Section:

- Roof Deck (E) with 4x PURLIN (E) indicated.
- Dimensions: L/4, L/2, L/4.
- Nail placement: 10d NAILS @ 4" O.C., EA SIDE.

Labels and Notes:

- NEW ADDED OUT OF 2x EA SIDE, SEE 3/S-14
- EQ. (Equal) labels on the right side of the top section.

5 PURLIN RETROFIT NAILING

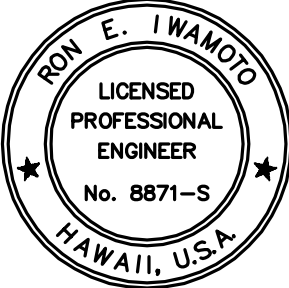

INTERMEDIATE NAILING

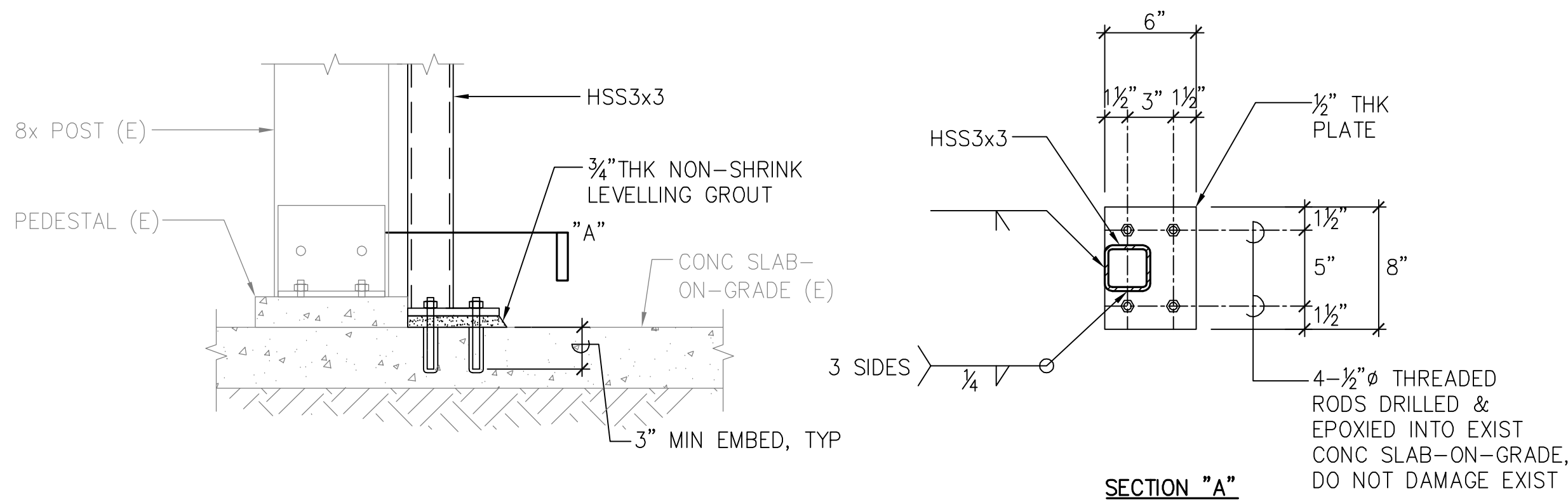
BOUNDARY NAILING

WOOD DECKING LAID PERPENDICULAR TO FRAMING

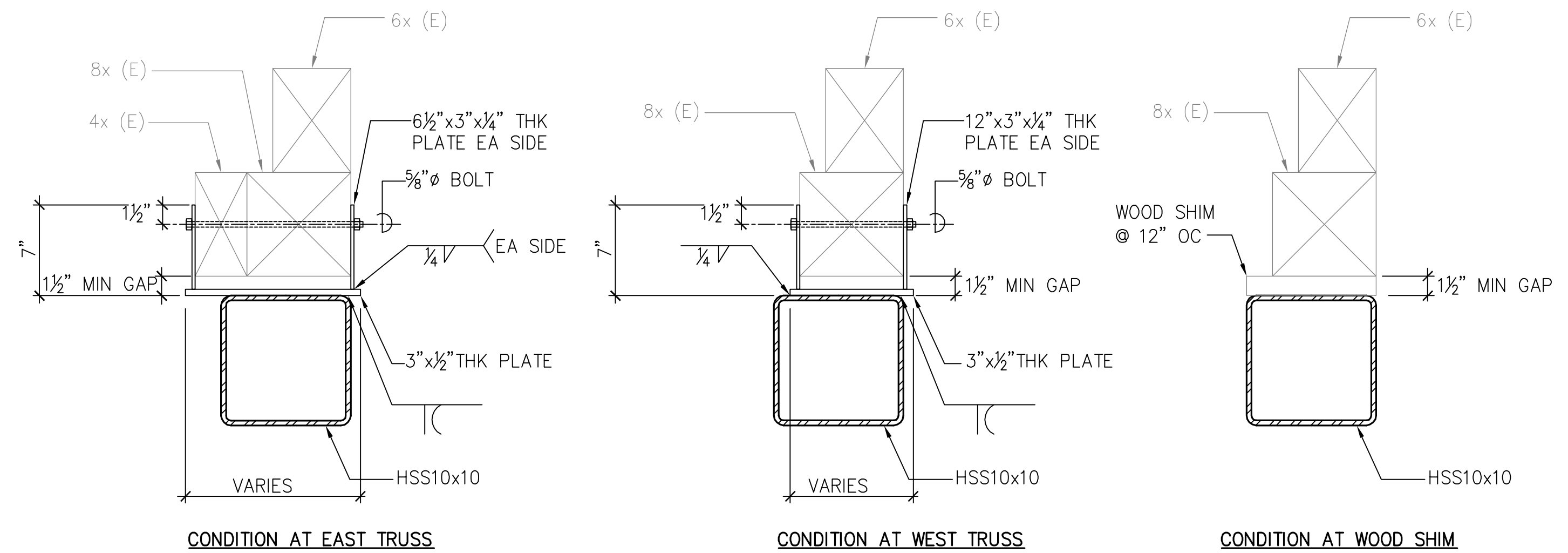
TYPE	BOUNDARIES	INTERMEDIATE
ROOF	3 - 16d	2 - 16d

4 DECKING NAILING

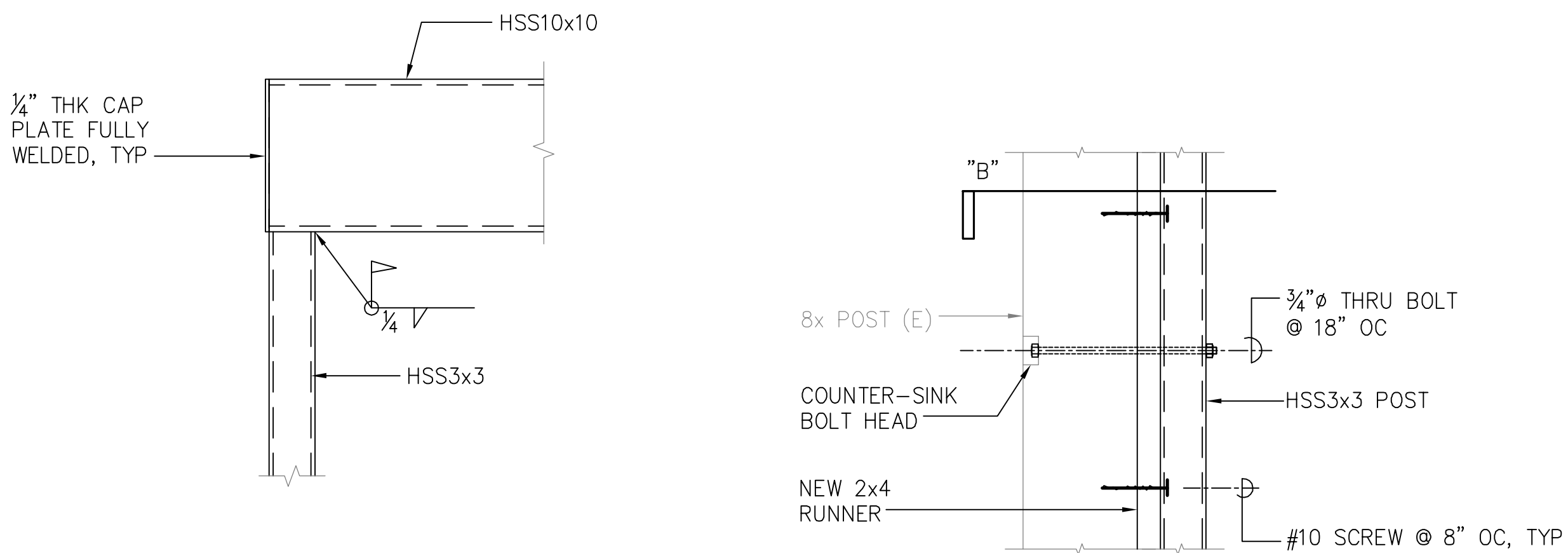
REVISION NO.	SYM.	DESCRIPTION	SHT./OF	DATE	APPROVED						
		<div style="text-align: center;"> <p>STATE OF HAWAII</p> <p>DEPARTMENT OF LAND AND NATURAL RESOURCES</p> <p>ENGINEERING DIVISION</p> </div>									
		<p>HEEIIA STATE PARK IMPROVEMENTS TO BANQUET HALL BUILDING</p>									
		<p>ENLARGED ROOF REPAIR PLAN, SECTIONS & DETAILS</p>									
		<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;">  <p><i>Ron E. Iwanoid</i></p> <p>Expiration date of License: 4/30/18</p> </div> <div style="width: 50%;"> <table border="1" style="width: 100%;"> <tr> <td>DESIGNED: RI</td> <td>SUBMITTED:</td> </tr> <tr> <td>DRAWN: IB</td> <td>DATE: AUGUST 2016</td> </tr> <tr> <td>CHECKED: RI</td> <td>SCALE: AS SHOWN</td> </tr> </table> </div> </div>				DESIGNED: RI	SUBMITTED:	DRAWN: IB	DATE: AUGUST 2016	CHECKED: RI	SCALE: AS SHOWN
DESIGNED: RI	SUBMITTED:										
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		Carty Chang E-signed 2016-08-17 03:03PM HST carty.s.chang@hawaii.gov		<div style="text-align: center;">  <p style="font-size: 2em; font-weight: bold;">S-14</p> </div>							
		CHIEF ENGINEER									



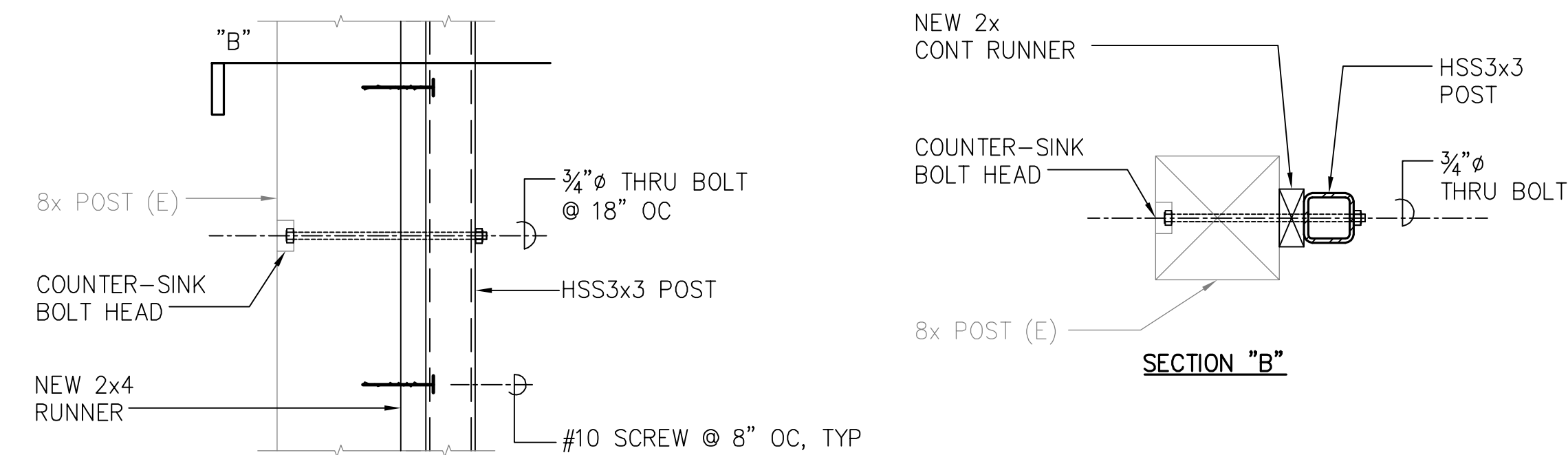
1
S-15 **TYPICAL BASE PLATE DETAIL**
SCALE: 1 1/2" = 1'-0"



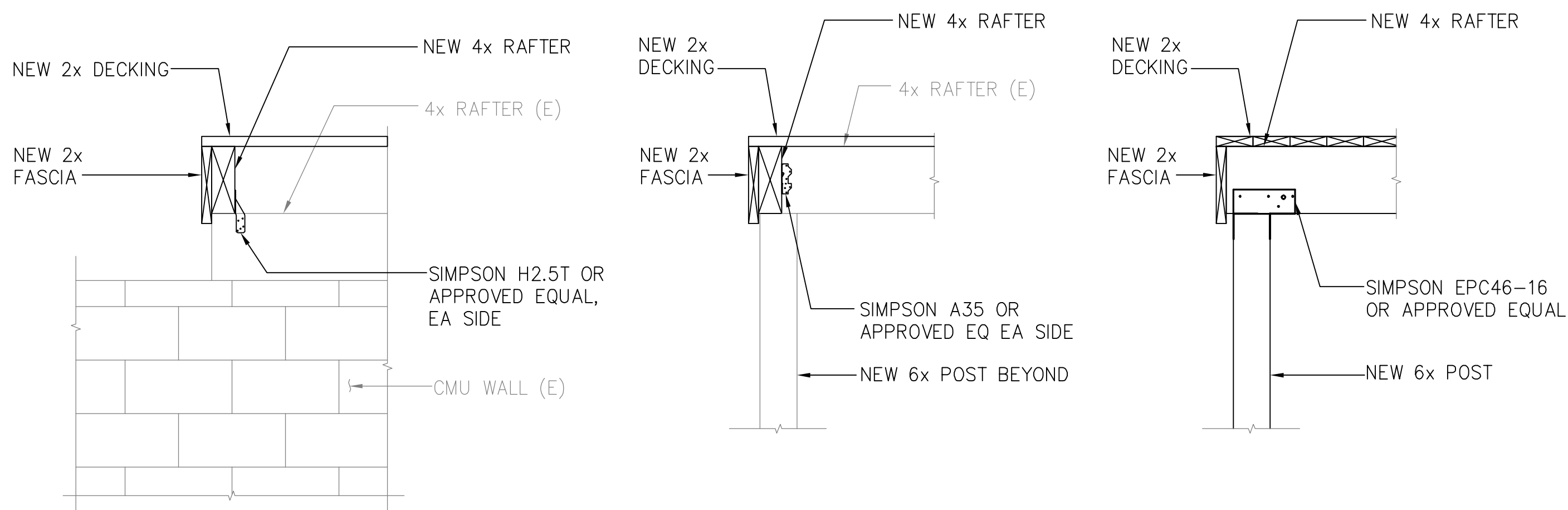
2
S-15 **SECTION**
SCALE: 1 1/2" = 1'-0"



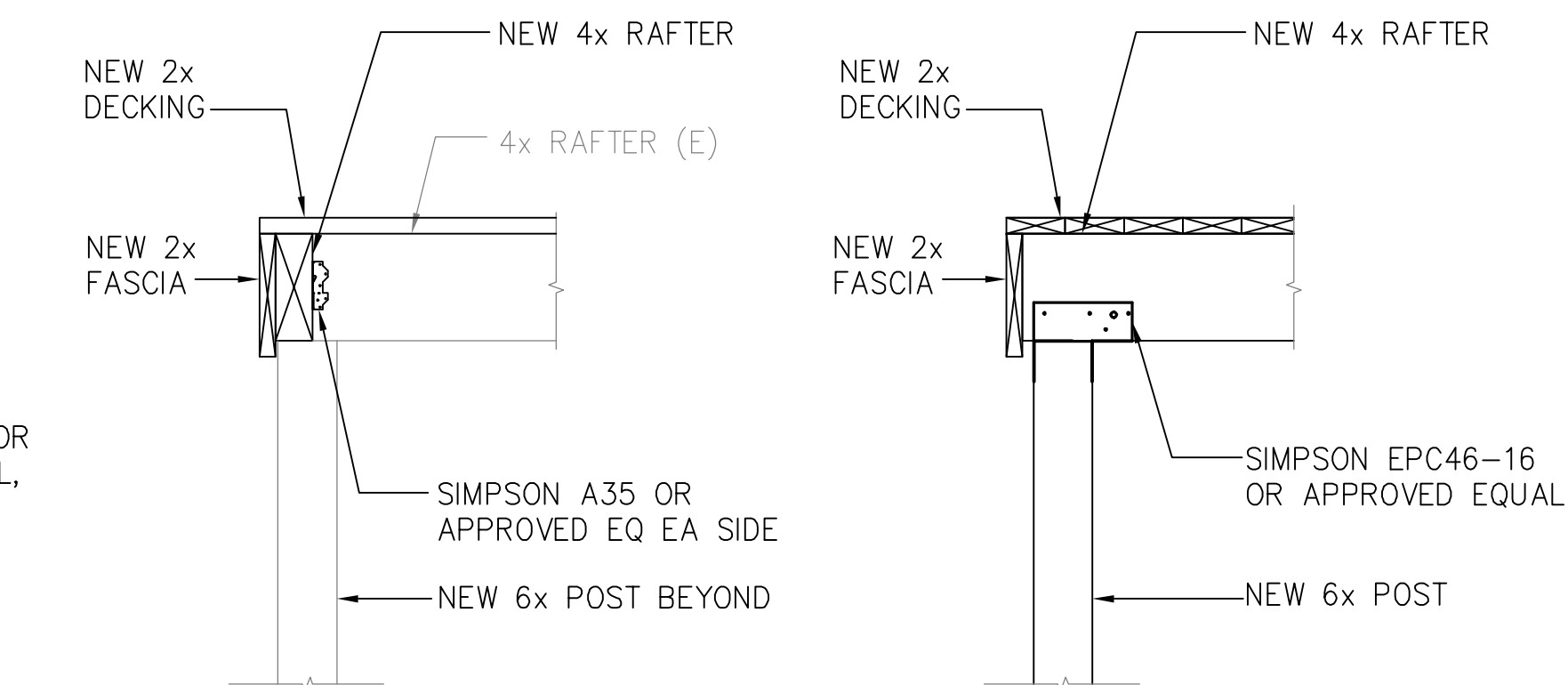
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S-15 **DETAIL**
SCALE: 1 1/2" = 1'-0"



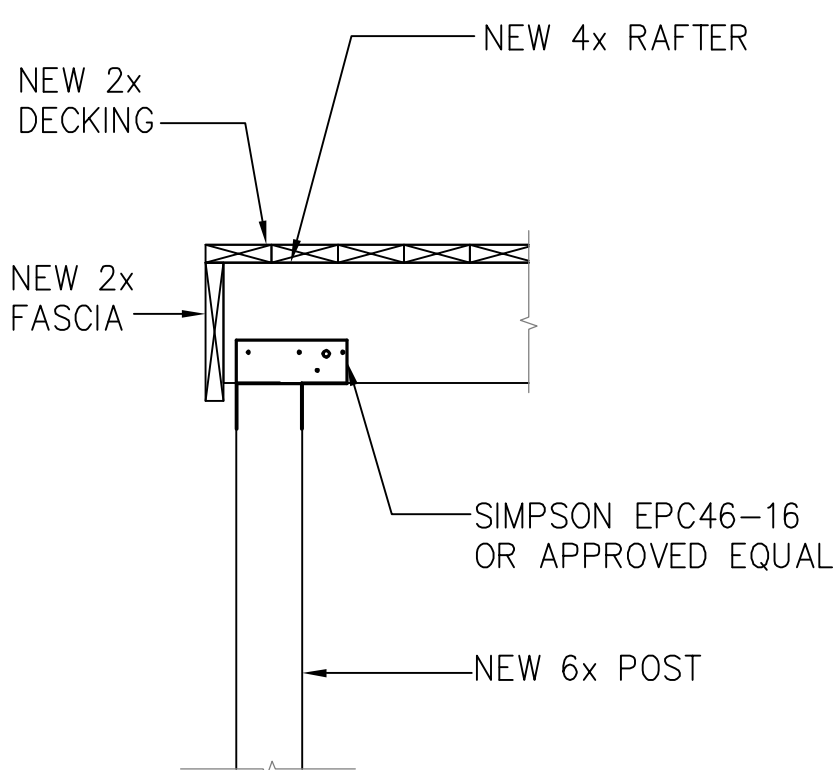
4
S-15 **DETAIL**
SCALE: 1 1/2" = 1'-0"



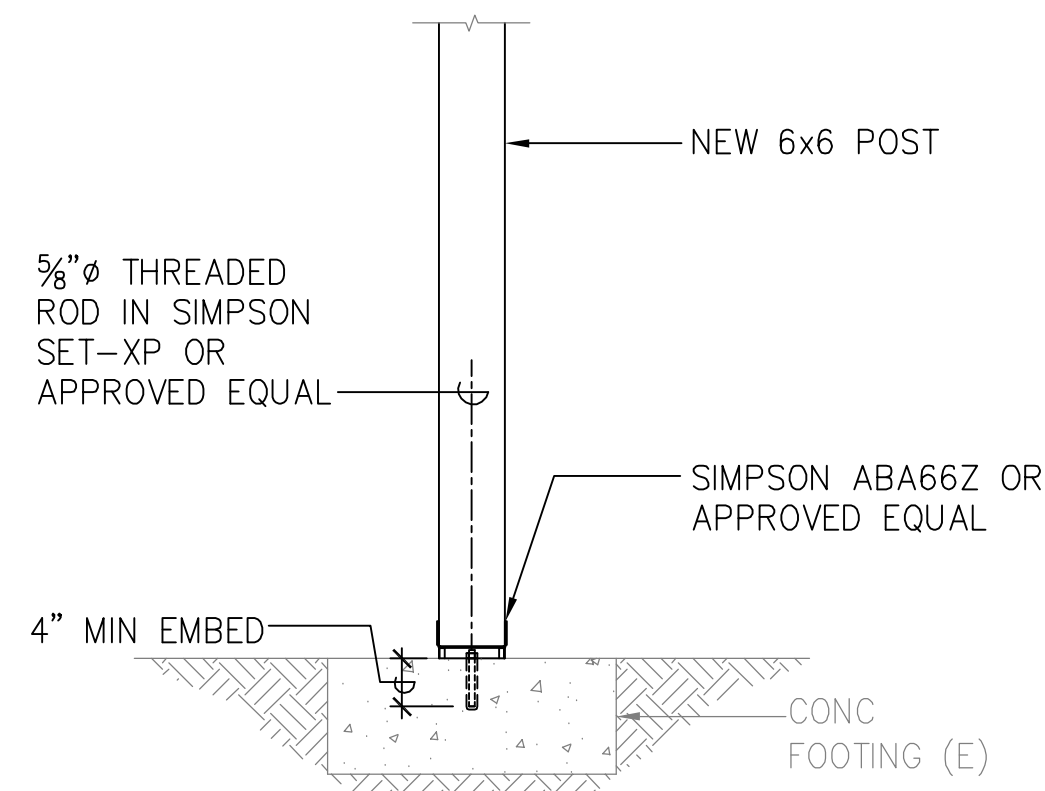
5
S-15 **SECTION**
SCALE: 3/4" = 1'-0"



6
S-15 **SECTION**
SCALE: 3/4" = 1'-0"



7
S-15 **SECTION**
SCALE: 3/4" = 1'-0"



8
S-15 **SECTION**
SCALE: 3/4" = 1'-0"

REVISION NO.	SYM.	DESCRIPTION	SHT./OF	DATE	APPROVED
<div> <div> <p>RON E. IWAMOTO LICENSED PROFESSIONAL ENGINEER No. 8871-S HAWAII, U.S.A.</p> </div> <div> <p>STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION</p> <p>HEEIA STATE PARK IMPROVEMENTS TO BANQUET HALL BUILDING</p> <p>SECTIONS & DETAILS</p> </div> </div>					
DESIGNED: RI			SUBMITTED:		
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CHECKED: RI			SCALE: AS SHOWN		
APPROVED:			DRAWING NO.		
CHIEF ENGINEER			S-15		